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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

The Canadian Intellectual Property Office does not guarantee the accuracy of this publication, nor undertake any responsibility for errors or omissions or their consequences.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numerique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

2,755,284

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

2,755,284

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

Offices.

(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce*.

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
5. Statutory Holidays
6. Procedures in case of an unexpected Office closure at CIPO
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8. Intellectual property acts, rules and regulations

14. Procédures de correspondance

le 20 juin, 2017

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2. Correspondance électronique
3. Précisions concernant les formats électroniques acceptés
4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
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8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Electronic Correspondence

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Correspondance électronique

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and

- ordering copies in paper, or electronic form of a document.

des agents de brevets;

- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

- communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

- communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3.5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les *marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
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- Loi sur les brevets
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- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of November 21, 2017 contains applications open to public inspection from November 5, 2017 to November 11, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 21 novembre 2017 contient les demandes disponibles au public pour consultation pour la période du 5 novembre 2017 au 11 novembre 2017.

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[72] MOREIRA DA COSTA FRANCO, MARIA ISABEL, PT
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[54] **METHOD FOR THE RANDOM DIVERSIFICATION OF A GENETIC SEQUENCE WHILE PRESERVING THE IDENTITY OF SOME INNER SEGMENTS OF SAID GENETIC SEQUENCE**
[54] **PROCEDE DE DIVERSIFICATION ALEATOIRE D'UNE SEQUENCE GENETIQUE PERMETTANT DE PRESERVER L'IDENTITE DE CERTAINS SEGMENTS INTERNES DE LADITE SEQUENCE GENETIQUE**
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[73] PHERECYDES PHARMA, FR
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[54] **A PROCESS AND DEVICE FOR MEASUREMENT OF SPECTRAL INDUCED POLARIZATION RESPONSE USING PSEUDO RANDOM BINARY SEQUENCE (PRBS) CURRENT SOURCE**
[54] **PROCEDE ET DISPOSITIF DE MESURE DE LA REPONSE DE POLARISATION SPECTRALE INDUITE UTILISANT UNE SOURCE DE COURANT A SEQUENCE BINAIRE PSEUDO ALEATOIRE (PRBS)**
[72] RAMMOHAN PRASAD TADEPALLI, IN
[72] RAMAYYA, BOPPANA DASARADHA, IN
[72] RAO, YELAMANCHILI PURNACHANDRA, IN
[73] COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, IN
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[54] **IMAGERIE PAR RESONANCE MAGNETIQUE**
[72] JYNGE, PER, NO
[72] SKJOLD, ARNE, NO
[72] LARSSON, HENRIK W., DK
[72] BRUROK, HEIDI, NO
[73] JYNGE, PER, NO
[73] SKJOLD, ARNE, NO
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[54] **MANUFACTURING COLLABORATION HUB DATA EXCHANGE INTERFACE**
[54] **INTERFACE D'ECHANGE DE DONNEES DE PLAQUE TOURNANTE DE COLLABORATION DE FABRICATION**
[72] BERGANTINO, STEFANO, IT
[72] IRIONE, MARCO, IT
[72] GIAMMUSSO, ANDREA, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[72] HUMMEL, DAVID M., JR., US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **MODELES D'ANIMAUX TRANSGENIQUES POUR UNE MALADIE**
[72] WELSH, MICHAEL, US
[72] ROGERS, CHRISTOPHER, US
[72] PRATHER, RANDALL, US
[72] ENGELHARDT, JOHN, US
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[73] THE CURATORS OF THE UNIVERSITY OF MISSOURI, US
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[54] **UTILITE DE MARQUEURS SNP ASSOCIES AVEC DES REGIONS MAJEURES DU PORT ET DE LA MATURITE DE PLANTES DE SOJA**
[72] JENKINSON, JONATHAN, US
[72] TAMULONIS, JOHN, US
[72] NARVEL, JAMES, US
[72] GRUYS, KENNETH, US
[72] VALENTIN, HENRY E., US
[73] MONSANTO TECHNOLOGY LLC, US
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[54] **OXYGEN-GENERATING COMPOSITIONS FOR ENHANCING CELL AND TISSUE SURVIVAL IN VIVO**
[54] **COMPOSITIONS GENERATRICES D'OXYGENE POUR AUGMENTER LA SURVIE DES CELLULES ET DES TISSUS IN VIVO**
[72] HARRISON, BENJAMIN S., US
[72] YOO, JAMES J., US
[72] ATALA, ANTHONY, US
[73] WAKE FOREST UNIVERSITY HEALTH SCIENCES, US
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[54] **EXTRAITS VEGETAUX FERMENTES, PROCEDES DE FABRICATION ET UTILISATIONS**
[72] ROLLAN, SERGE, FR
[72] DESHAYES, CHRISTIAN, FR
[72] HOULE, CHANTALE, CA
[73] KEFIPLANT INC., CA
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[54] **METHOD AND APPARATUS FOR CREATING AND USING VIDEO PLAYLISTS WITHIN A NETWORK**
[54] **PROCEDE ET APPAREIL DE CREATION ET D'UTILISATION DE LISTES DE DIFFUSION VIDEO A L'INTERIEUR D'UN RESEAU**
[72] ATHIAS, FRANKLYN, US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **LIGHT EMITTING DIODE MODULE, AND LIGHT FIXTURE AND METHOD OF ILLUMINATION UTILIZING THE SAME**
[54] **MODULE A DIODE ELECTROLUMINESCENTE ET LUMINAIRE ET METHODE D'ECLAIRAGE UTILISANT CES DERNIERS**
[72] LUEKEN, THOMAS C., US
[72] NEUER, MICHAEL S., US
[73] HUBBELL INCORPORATED, US
[86] (2683365)
[87] (2683365)
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[54] **METHODS AND APPARATUS FOR MEASURING 3D DIMENSIONS ON 2D IMAGES**
[54] **PROCEDES ET APPAREILS DE MESURE TRIDIMENTIONNELLE DE DIMENSIONS REPRESENTEES SUR DES IMAGES BIDIMENTIONNELLES**
[72] WU, YANYAN, US
[72] HOWARD, DONALD ROBERT, US
[72] RINGERMACHER, HARRY ISRAEL, US
[72] KAUCIC, ROBERT AUGUST, US
[72] SUN, ZHAOHUI, US
[72] LITTLE, FRANCIS HOWARD, US
[72] TAO, XIAODONG, US
[72] HOWARD, PATRICK JOSEPH, US
[72] DRAGOVICH, MATTHEW EDWARD, US
[72] FOSTER, ERIC SCOTT, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **MANIPULATION OF PLANT SENESCENCE USING MODIFIED PROMOTERS**
[54] **MANIPULATION DE SENESCENCE DANS LES PLANTES A L'AIDE DE PROMOTEURS MODIFIES**
[72] SPANGENBERG, GERMAN, AU
[72] RAMAGE, CARL MCDONALD, AU
[72] PALVIAINEN, MELISSA ANN, AU
[72] PARISH, ROGER W., AU
[72] HEAZLEWOOD, JOSHUA, AU
[73] AGRICULTURE VICTORIA SERVICES PTY LTD, AU
[73] LA TROBE UNIVERSITY, AU
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[51] **Int.Cl. G06F 21/00 (2013.01) G06F 11/30 (2006.01) H04L 12/26 (2006.01)**
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[54] **METHOD AND SYSTEM FOR DETECTING DATA MODIFICATION WITHIN COMPUTING DEVICE**
[54] **METHODE ET SYSTEME DE DETECTION DE LA MODIFICATION DE DONNEES APPORTEES A UN DISPOSITIF DE CALCUL**
[72] STEFAN, RARES, CA
[72] SUTHERLAND, BLAKE STANTON, CA
[73] TREND MICRO INCORPORATED, JP
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[54] **OLIGOMERES DESTINES AUX PRODUITS THERAPEUTIQUES**
[72] WENGEL, JESPER, DK
[73] ARCTURUS THERAPEUTICS, INC., US
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[54] **MULTI-PROBE RAIL SCANNING/ENCODER SYSTEM AND CERTIFIED METHOD OF USE THEREOF**
[54] **SYSTEME MULTISONDE DE BALAYAGE/A CODEUR SUR RAIL, ET METHODE CERTIFIEE D'UTILISATION**
[72] PIELLI, JOHN A., US
[72] GAGLIONE, KENNETH, US
[73] NATIONAL RAILROAD PASSENGER CORPORATION, US
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[54] **DMS (DERMA MEMBRANE STRUCTURE) DANS DES CREMES MOUSSANTES**
[72] NEUBOURG, THOMAS, DE
[73] NEUBOURG SKIN CARE GMBH & CO. KG, DE
[85] 2009-12-16
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[54] **AQUEOUS SLURRIES OF FINELY DIVIDED FILLERS, A PROCESS FOR THEIR PREPARATION AND THEIR USE FOR THE PRODUCTION OF PAPERS HAVING A HIGH FILLER CONTENT AND HIGH DRY STRENGTH**
[54] **SUSPENSIONS AQUEUSES DE CHARGES EN FINES PARTICULES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION POUR PRODUIRE DES PAPIERS A TENEUR EN CHARGES ET A RESISTANCE A SEC ELEVEES**
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[72] HAEHNLE, HANS-JOACHIM, DE
[73] BASF SE, DE
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[54] **TRANSMISSION A VARIATION CONTINUE**
[72] LOHR, CHARLES B., US
[72] POHL, BRAD P., US
[72] THOMASSY, FERNAND A., US
[73] FALLBROOK INTELLECTUAL PROPERTY COMPANY LLC, US
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[54] **CUTTING TOOL ASSEMBLY WITH AN ECCENTRIC DRIVE MEMBER**
[54] **OUTIL DE COUPE AVEC ELEMENT DE COMMANDE PAR EXCENTRIQUE**
[72] STOJANOVSKI, STOJAN, US
[73] STOJANOVSKI, STOJAN, US
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[25] EN
[54] **SECURITY CLIENT TRANSLATION SYSTEM AND METHOD**
[54] **SYSTEME DE TRANSLATION DE SECURITE POUR CLIENTS ET METHODE D'UTILISATION**
[72] FAHRNY, JAMES W., US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[25] EN
[54] **IDENTIFICATION OF HUMAN T2R RECEPTORS THAT RESPOND TO BITTER COMPOUNDS THAT ELICIT THE BITTER TASTE IN COMPOSITIONS, AND THE USE THEREOF IN ASSAYS TO IDENTIFY COMPOUNDS THAT INHIBIT (BLOCK) BITTER TASTE IN COMPOSITIONS AND USE THEREOF**
[54] **IDENTIFICATION DE RECEPTEURS HUMAINS T2R SENSIBLES AUX COMPOSES AMERS QUI PROVOQUENT LE GOUT AMER DANS DES COMPOSITIONS, ET UTILISATION DE CEUX-CI DANS DES ANALYSES D'IDENTIFICATION DE COMPOSES QUI INHIBENT (BLOQUENT) LE GOUT AMER DANS DES COMPOSITIONS ET UTILISATION DE CELLES-CI**
[72] LI, XIAODONG, US
[72] PATRON, ANDREW, US
[72] TACHDJIAN, CATHERINE, US
[72] XU, HONG, US
[72] LI, QING, US
[72] PRONIN, ALEXEY, US
[72] SERVANT, GUY, US
[72] ZHANG, LAN, US
[72] BRADY, THOMAS, US
[72] DARMOHUSODO, VINCENT, US
[72] ARELLANO, MELISSA, US
[72] SELCHAU, VICTOR, US
[72] CHING, BRETT WEYLAN, US
[72] KARANEWSKY, DONALD S., US
[72] BRUST, PAUL, US
[72] LING, JING, US
[72] ZHAO, WEN, US
[72] PRIEST, CHAD, US
[73] SENOMYX, INC., US
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[54] **INCIDENT LIGHT MANAGEMENT DEVICES AND RELATED METHODS AND SYSTEMS**
[54] **DISPOSITIF DE GESTION DE LUMIERE INCIDENTE ET METHODES ET SYSTEMES CONNEXES**
[72] BROWN, BRENT W., US
[72] BROWN, CLIFFORD B., US
[73] PRISMVIEW, LLC, US
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[87] (2697567)
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[25] EN
[54] **APPARATUS AND METHOD FOR INTERMITTENT APPLICATION OF STRETCHABLE WEB TO TARGET WEB**
[54] **APPAREILLAGE ET METHODE D'APPLICATION INTERMITTENTE DE BANDE CONTINUE ETIRABLE A UNE BANDE CONTINUE CIBLE**
[72] ANDREWS, ROBERT E., US
[73] CURT G. JOA, INC., US
[86] (2697786)
[87] (2697786)
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[13] C
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[54] **SINGLE CELL BASED REPORTER ASSAY TO MONITOR GENE EXPRESSION PATTERNS WITH HIGH SPATIO-TEMPORAL RESOLUTION**
[54] **ESSAI REPORTER BASE SUR DES CELLULES INDIVIDUELLES POUR CONTROLER DES PROFILS D'EXPRESSION GENIQUE AVEC UNE RESOLUTION SPATIO-TEMPORELLE ELEVEE**
[72] MHLANGA, MUSA, FR
[72] ENNINGA, JOST, FR
[72] SANSONETTI, PHILIPPE, FR
[72] NEHRBASS, ULF, FR
[73] INSTITUT PASTEUR, FR
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[25] FR
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[54] **PROCEDE D'INTERROGATION D'UNE BASE DE DONNEES ET DISPOSITIF D'INTERROGATION**
[72] VOGEL, DAN, FR
[72] VOGEL, MARC, FR
[73] ENABLON, FR
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[25] EN
[54] **USE OF THE OPPOSITE CELL DIFFERENTIATION PROGRAM (OCDP) FOR THE TREATMENT OF DEGENERATED ORGANS IN THE PATHOLOGICAL STATE**
[54] **UTILISATION DU PROGRAMME DE DIFFERENCIATION CELLULAIRE OPPOSEE (OCDP) POUR LE TRAITEMENT D'ORGANES DEGENERES A L'ETAT PATHOLOGIQUE**
[72] BUNIATIAN, GAYANE, DE
[72] GEBHARDT, ROLF, DE
[72] GLEITER, CHRISTOPH, DE
[72] DANIELYAN, LUSINE, DE
[72] PROKSCH, BARBARA, DE
[73] UNIVERSITAET LEIPZIG, DE
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[25] EN
[54] **A NATURAL TASTE ENHANCING SAVOURY BASE AND A PROCESS FOR ITS PREPARATION**
[54] **BASE AROMATIQUE NATURELLE DE TYPE EXHAUSTEUR DE GOUT ET SON PROCEDE DE PREPARATION**
[72] PALZER, STEFAN, CH
[72] NIKOLIC, DAVID, DE
[72] BERENDS, PIETER, DE
[72] HO DAC, THANG, CH
[72] FLEURY REY, YVETTE, CH
[72] ULMER, HELGE, DE
[73] NESTEC S.A., CH
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[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **FUEL DISPENSER ADAPTER FOR A REWARDS PROGRAM INTERFACE**
[54] **ADAPTATEUR DE DISTRIBUTEUR DE CARBURANT POUR INTERFACE DE PROGRAMME DE RECOMPENSE**
[72] HOULIHAN, MICHAEL T., US
[72] CONTRERAS, ROBERT E., US
[72] BURBANK, WILLIAM DAVIS, US
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[54] **UTILISATION DES ANTAGONISTES DE LINGO-4 DANS LE TRAITEMENT D'ETATS METTANT EN JEU UNE DEMYELINATION**
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[72] PEPINSKY, R. BLAKE, US
[72] MCCOY, JOHN, US
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[54] **BALANCE COMPTEUSE ET PROCEDE DE COMPTAGE**
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[54] **PROCEDE ET SYSTEME POUR LA PRODUCTION DE PATE POUR TRANSFORMATION CHIMIQUE A HAUTE TENEUR EN ALPHA-CELLULOSE**
[72] LEITE, MARCELO MOREIRA, BR
[73] BAHIA SPECIALTY CELLULOSE SA, BR
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[54] **ELEMENTS LIANTS DESTINES AU RECEPTEUR ALPHA DE L'INTERLEUKIN-4(IL-4R-.ALPHA.) - 173**
[72] COHEN, SUZANNE, GB
[72] DOBSON, CLAIRE LOUISE, GB
[72] ERIKSSON, PER-OLOF FREDRIK, SE
[72] LANE, DEBORAH LOUISE, GB
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[72] GOLDBERG, MICHAEL S., US
[73] HUNTER DOUGLAS INC., US
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[72] REISS, JORDAN, US
[72] DAMMERMANN, KURT, US
[72] LATENDRESSE, JOSHUA, US
[72] BARRY, ADAM, US
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[73] QUALCOMM INCORPORATED, US
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[73] DANA FARBER CANCER INSTITUTE, US
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[72] TSENG, PAO-HSING, GB
[73] CAMLOCK SYSTEMS LIMITED, GB
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[54] **SYSTEME ET PROCEDE POUR SYSTEMES DE MENU TELEPHONIQUE**
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[72] BIGUE, JASON P., CA
[72] PULTZ, MICHAEL, CA
[73] FONCLOUD INC., CA
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[54] **ACIDES PEROXYCARBOXYLIQUES SULFURES, LEUR PREPARATION ET LEURS PROCEDES D'UTILISATION EN TANT QU'AGENTS DE BLANCHIMENT ET ANTIMICROBIENS**
[72] LI, JUNZHONG, US
[72] STAUB, RICHARD K., US
[72] MCSHERRY, DAVID D., US
[72] LASCOTTE, KEITH G., US
[72] LANGE, STEVEN J., US
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[72] KAUR, SIMARNA, US
[72] SOUTHALL, MICHAEL, US
[72] TUCKER-SAMARAS, SAMANTHA, US
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[54] **COMPOSITION DE RESINE A BASE D'EAU ET ARTICLES FABRIQUES A PARTIR DE CETTE COMPOSITION**
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[72] CHEN, SEONG FONG, MY
[72] BERGER, IDA, US
[72] YEH, YUN-SIUNG TONY, US
[72] WONG, WEI CHEONG, MY
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[72] TAYLOR, LARRY, US
[73] GRAHAM PACKAGING COMPANY, L.P., US
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[72] SVENSSON, MARIE, SE
[73] ASTRA TECH AB, SE
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[54] **REVETEMENT DE BRIQUES POUR MUR MINCE ET ENSEMBLE DE FABRICATION CONNEXE**
[72] SLAVINSKY, BENOIT, CA
[72] LEACH, KEITH, CA
[73] SLAB INNOVATION INC., CA
[73] ACP MANUFACTURING LTD., CA
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[54] **LAME DE SEPARATION TANGENTIELLE D'UNE SURFACE DE PIECE**
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[54] **POMPE A INFUSION MEDICALE DOTEE DE DIFFERENTS PARAMETRES D'ALARME**
[72] DEBELSER, DAVID, US
[72] ZALESKY, LARRY R., US
[72] KOPP, KEVIN SEAN, US
[72] HETCHLER, CLINTON ROBERT, US
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[54] **DISPOSITIF PERMETTANT D'ASSURER UN ENTREFER DANS UNE MACHINE ELECTRIQUE**
[72] STIESDAL, HENRIK, DK
[73] SIEMENS AKTIENGESELLSCHAFT, DE
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[73] PAGE, JUSTIN, CA
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[54] **INSTALLATION DE SIMULATION DE FLAMMES MULTICOLORE POUR FOYERS ELECTRIQUES**
[72] ASOFSKY, MARK, US
[72] NEMES, TYLER, US
[73] TWIN-STAR INTERNATIONAL, INC., US
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[54] **FORMULATION INJECTABLE DE PARACETAMOL, STABLE ET PRETE A L'EMPLOI**
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[73] UNI-PHARMA KLEON TSETIS, GR
[73] TSETI, IOULIA, GR
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[54] **ISOLATEUR OPTIQUE**
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[72] WATANABE, TOSHIAKI, JP
[72] KOYAMA, TOMOHIRO, JP
[72] TAKAHASHI, TAKUYA, JP
[72] YAMANAKA, AKIO, JP
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[54] **SYSTEM AND METHOD FOR EMPLOYING ALTERNATING REGIONS OF MAGNETIC AND NON-MAGNETIC CASING IN MAGNETIC RANGING APPLICATIONS**
[54] **SYSTEME ET PROCEDE D'EMPLOI DE REGIONS ALTERNEES DE CUVELAGE MAGNETIQUE ET NON MAGNETIQUE DANS DES APPLICATIONS DE TELEMETRIE MAGNETIQUE**
[72] CLARK, BRIAN, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[73] TECHNOLOGICAL RESOURCES PTY LTD, AU
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[54] **SUBSTITUTED [1,2,4]TRIAZOLO[1,5-A]PYRIDINE COMPOUNDS USEFUL FOR THE INHIBITION OF JANUS KINASE (JAK)**
[54] **COMPOSES [1,2,4) TRIAZOLO [1,5-A) PYRIDINE SUBSTITUEE UTILE POUR L'INHIBITION DE JANUS KINASE (JAK)**
[72] MENET, CHRISTEL JEANNE MARIE, BE
[72] BLANC, JAVIER, BE
[73] GALAPAGOS NV, BE
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[54] **INSTRUMENT MULTIAXIAL ARTICULE**
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[72] BUSSIERE, ERIC, CA
[73] LAFLEUR, ANDRE, CA
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[54] **APPAREIL ET PROCEDE POUR L'EXTRACTION D'ENERGIE**
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[54] **SOLUTIONS DE SILICATE STABLES-L'ENTREPOSAGE**
[72] BOHLANDER, RALF, DE
[72] MUCKENFUB, SILKE, DE
[72] ZIERVOGEL, RUEDIGER, DE
[73] COGNIS IP MANAGEMENT GMBH, DE
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[54] **COPOLYMERES DE REDUCTION DE TRAINEE POUR APPLICATIONS A FLUIDE FROID**
[72] MILLIGAN, STUART N., US
[73] LUBRIZOL SPECIALTY PRODUCTS, INC., US
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[54] **MATERIAU SOLIDE HYBRIDE INORGANIQUE-ORGANIQUE A BASE DE TITANE, SON PROCEDE DE PREPARATION ET UTILISATIONS**
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[72] FEREY, GERARD, FR
[72] SANCHEZ, CLEMENT, FR
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[54] **DISPOSITIF DE DEPISTAGE SEROLOGIQUE D'INFECTIONS A YERSINIA ET/OU LEURS COMPLICATIONS, ET UTILISATION DES PROTEINES MYFA ET PSAA DE Y.ENTEROCOLITICA ET Y.PSEUDOTUBERCULOSIS COMME QU'ANTIGENES RECOMBINANTS**
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[54] **SYSTEME XRF AYANT PLUSIEURS BANDES D'ENERGIE D'EXCITATION DANS UN ENSEMBLE HAUTEMENT ALIGNE**
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[54] **PLANCHER FORMANT CATHODE, PROCEDE DE PRODUCTION D'UN PLANCHER FORMANT CATHODE, ET UTILISATION DUDIT PLANCHER DANS UNE CELLULE D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM**
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[54] **PROCEDE DE FABRICATION D'UN PRODUIT LAITIER FERMENTE**
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[72] LECANU, BRUNO, FR
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[72] AIT ABDERRAHIM, HASSINA, FR
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[72] WICKENS, MARVIN, US
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[54] **UTILISATION DE PROMEDICAMENTS DE CANNABIDIOL POUR ADMINISTRATION TOPIQUE ET TRANSDERMIQUE AVEC DES MICRO-AIGUILLES**
[72] STINCHCOMB, AUDRA LYNN, US
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[54] **ELEMENT DE FIXATION DE PANNEAU, ENSEMBLE PANNEAU ET PROCEDES DE MONTAGE ET D'INSTALLATION**
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[72] CURWEN, PETER FREDERICK, AU
[72] MARASKOVSKY, EUGENE, AU
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[72] JONES, DARRELL D., US
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[72] KUMAR, RAKESH, US
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[72] BADER, NICOLAS ALAIN, FR
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[72] DORE, BASTIEN, FR
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[54] **PROCEDE DE PROTECTION DE PASSAGE D'AIR DANS UN COUPLAGE DE PIECES MOTRICES EN ENVIRONNEMENT NON SECURISE, COUPLAGE DE MISE EN OEUVRE ET LIGNE ROTORS EQUIPEE DE TELS COUPLAGES**
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[73] TURBOMECA, FR
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[72] SCHULTZ, MELANIE, DE
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[54] **FIBRES HPPE MONOFILAMENT OU MULTIFILAMENT**
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[72] VAN DEN BOSCH, EDITH ELISABETH M., BE
[72] DIRKS, CHRISTIAAN HENRI PETER, BE
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[54] **COPOLYMERES ABSORBABLES DE DIGLYCOLATE DE POLYETHYLENE DESTINES A REDUIRE L'ADHESION MICROBIENNE SUR DES IMPLANTS ET DES DISPOSITIFS MEDICAUX**
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[72] PRIEWE, JOERG, DE
[73] ETHICON, INC., US
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[54] **PROCEDE DE PRODUCTION D'UN REVETEMENT D'EMBOUT D'UNE CIGARETTE**
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[72] BAO, YUN, US
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[72] SHI, TIEPAN, US
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[72] MORLEY, CATIE A., US
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[72] HALL, GARY S., US
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[54] **SYSTEM, METHOD AND COMPUTER PROGRAM FOR CREATING AND MANIPULATING DATA STRUCTURES USING AN INTERACTIVE GRAPHICAL INTERFACE**
[54] **SYSTEME, PROCEDE ET PROGRAMME D'ORDINATEUR DE CREATION ET DE MANIPULATION DE STRUCTURES DE DONNEES AU MOYEN D'UNE INTERFACE GRAPHIQUE INTERACTIVE**
[72] SWEENEY, PETER JOSEPH, CA
[72] CONNOLLY, MARK WILLIAM, CA
[72] BARLOW-BUSCH, ROBERT GEORGE, CA
[73] PRIMAL FUSION INC., CA
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[54] **OUTIL SUR COUP**
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[72] PETTERSEN, STALE, NO
[73] PETROLEUM TECHNOLOGY COMPANY AS, NO
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[54] **MODULE D'ENGRENAGE ENTRE GENERATEURS DANS UNE INSTALLATION D'ENERGIE EOLIENNE**
[72] UWE KROEGER, DE
[73] EES GMBH, DE
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[54] **APPAREIL DE DECOMPOSITION DE GAZ**
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[72] NITTA, KOJI, JP
[72] FUKUNAGA, ATSUSHI, JP
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[54] **DISPOSITIF DE DESINFECTION DES MAINS**
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[73] INDUSTRIE DE NORA S.P.A., IT
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[54] **GENERATEUR THERMOELECTRIQUE SUR UN SYSTEME DE PRELEVEMENT D'AIR A BORD D'UN AVION**
[72] GAO, LIJUN, US
[72] SHENGYI, LIU, US
[72] CHIEN, CHIN-HSI, US
[73] THE BOEING COMPANY, US
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[54] **SYSTEME ET PROCEDE D'ANALYSE LACUNAIRE**
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[72] PYRCZ, MICHAEL J., US
[73] CHEVRON U.S.A. INC., US
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[54] **DISPOSITIF POUR LARYNGOSCOPIE**
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[54] **ELECTRICALLY-HEATED HOSE ASSEMBLY FOR SELECTIVE CATALYTIC REDUCTION (SCR) SYSTEMS**
[54] **ENSEMBLE TUYAU CHAUFFE ELECTRIQUEMENT POUR SYSTEMES DE REDUCTION CATALYTIQUE SELECTIVE (SCR)**
[72] POWELL, STEVEN M., US
[72] SILBER, MARK G., US
[72] HENRY, TY, US
[72] EDWARDS, GERALD T., US
[72] JOHNSTON, JAMES L., US
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[54] **PRODUCTION OF LIQUID FUELS (SYLVAN-LIQUID-FUELS) FROM 2-METHYLFURAN**
[54] **PRODUCTION DE COMBUSTIBLES LIQUIDES (COMBUSTIBLES LIQUIDES SYLVAN) A PARTIR DE 2-METHYLFURANE**
[72] CORMA CANOS, AVELINO, ES
[72] RENZ, MICHAEL, ES
[72] DE LA TORRE ALFARO, OLALLA, ES
[73] CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC), ES
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[72] SALIS, KEITH A., US
[72] GALINDO, ROSIE, US
[72] POKORSKI, ROBERT J., US
[72] JURASEK, KRIS C., US
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[54] **METHOD FOR EXTRACTING HYDROCARBONS**
[54] **PROCEDE D'EXTRACTION D'HYDROCARBURES**
[72] LEMETAYER, PIERRE, FR
[72] NDINEMENU, FELIX, FR
[72] FLOURETTE, PASCAL, FR
[72] GIRARD, BENOIT, FR
[73] TOTAL S.A., FR
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[54] **INJECTABLE POLYMER COMPOSITION FOR USE AS A CELL DELIVERY VEHICLE**
[54] **COMPOSITION POLYMERE INJECTABLE UTILISEE COMME VEHICULE POUR L'ADMINISTRATION DE CELLULES**
[72] SHOICHET, MOLLY SANDRA, CA
[72] ZAHIR, TASNEEM, CA
[72] BALLIOS, BRIAN, CA
[72] VAN DER KOOY, DEREK, CA
[72] COOKE, MICHAEL, CA
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[54] **TREATING CRITICALLY ILL PATIENTS WITH INTRAVENOUS IBUPROFEN**
[54] **TRAITEMENT DE PATIENTS GRAVEMENT ATTEINTS PAR DE L'IBUPROFENE PAR VOIE INTRAVEINEUSE**
[72] PAVLIV, LEO, US
[72] ROCK, AMY DIX, US
[73] CUMBERLAND PHARMACEUTICALS INC., US
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[54] **METHOD OF TREATING NEUROLOGICAL CONDITIONS WITH CARDIAC GLYCOSIDES**
[54] **METHODE DE TRAITEMENT D'AFFECTIONS NEUROLOGIQUES FAISANT APPEL A DES GLYCOSIDES CARDIAQUES**
[72] ADDINGTON, OTIS C., US
[72] NEWMAN, ROBERT A., US
[73] PHOENIX BIOTECHNOLOGY, INC., US
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[54] **CAPSULE FOR THE PREPARATION OF A BEVERAGE COMPRISING AN IDENTIFICATION CODE**
[54] **CAPSULE POUR LA PREPARATION D'UNE BOISSON COMPORTANT UN CODE D'IDENTIFICATION**
[72] ROGNON, VINCENT, CH
[72] EPARS, YANN, CH
[72] DENISART, JEAN-LUC, CH
[73] NESTEC S.A., CH
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[54] **NEXT LETTER PREDICTION FOR VIRTUAL KEYBOARD**
[54] **PREDICTION DE LETTRES SUIVANTES POUR CLAVIER VIRTUEL**
[72] GRIFFIN, JASON TYLER, CA
[72] PASQUERO, JEROME, CA
[72] MCKENZIE, DONALD SOMERSET MCCULLOCH, CA
[73] BLACKBERRY LIMITED, CA
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[87] (2786502)
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[54] **CURABLE COMPOSITIONS HAVING IMPROVED FIRE PROPERTIES**
[54] **COMPOSITIONS DURCISSABLES PRESENTANT UN COMPORTEMENT AU FEU AMELIORE**
[72] KOHL, MATTHIAS, DE
[72] BOLTE, ANDREAS, DE
[72] SPIELKAMP, NICK, DE
[72] PROEBSTER, MANFRED, DE
[72] YILMAZOGLU, DENIZ, DE
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[54] **DETECTION D'UN EVENEMENT DE RESEAU**
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[72] MCHANN, STANLEY E., JR., US
[73] LANDIS+GYR TECHNOLOGIES, LLC, US
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[54] **SNOW MAKING APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE POUR FABRIQUER DE LA NEIGE ET PROCEDE ASSOCIE**
[72] RATNIK, HELDUR R., US
[72] WANG, TIMOTHY C., US
[72] CARSON, MATTHEW A., US
[73] RATNIK INDUSTRIES, INC., US
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[54] **DIFFUSER-RECTIFIER CONNECTION FOR A CENTRIFUGAL COMPRESSOR**
[54] **LIAISON DIFFUSEUR-REDRESSEUR POUR UN COMPRESSEUR CENTRIFUGE**
[72] BUNEL, JACQUES MARCEL ARTHUR, FR
[72] GANDELOT, SANDRINE, FR
[72] VIEILLEFOND, GUY, FR
[73] SNECMA, FR
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[25] EN
[54] **METHOD AND APPARATUS FOR ADJUSTING A SYMBOL DECISION THRESHOLD AT A RECEIVER IN A COMMUNICATION NETWORK**
[54] **PROCEDE ET APPAREIL POUR REGLER UN SEUIL DE DECISION DE SYMBOLE DANS UN RECEPTEUR DANS UN RESEAU DE COMMUNICATION**
[72] DAVEY, JONATHAN, CA
[72] PENG, WANG-HSIN, CA
[73] LG-ERICSSON CO. LTD., KR
[73] RPX CLEARINGHOUSE LLC, US
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[54] **PADDLE WHEEL YACHT**
[54] **EMBARCATION A AUBES**
[72] HOU, LIANG, CN
[72] HOU, YUHAN, CN
[72] JIA, FENGQIN, CN
[73] CHONGQING YUNHAN MARINE TECHENOLOGY CO., LTD, CN
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[54] **A METHOD AND A SYSTEM FOR MULTI-DIMENSIONAL VISUALIZATION OF THE SPINAL COLUMN BY VERTEBRA VECTORS, SACRUM VECTOR, SACRUM PLATEAU VECTOR AND PELVIS VECTORS**
[54] **PROCEDE ET SYSTEME POUR LA VISUALISATION MULTIDIMENSIONNELLE DE LA COLONNE VERTEBRALE PAR DES VECTEURS DE VERTEBRES, LE VECTEUR DU SACRUM ET DES VECTEURS DU BASSIN**
[72] ILLES, TAMAS, HU
[72] SOMOSKEOY, SZABOLCS, HU
[73] SOMOSKEOY, SZABOLCS, HU
[73] ILLES, TAMAS, HU
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[25] EN
[54] **SGC STIMULATORS OR SGC ACTIVATORS ALONE AND IN COMBINATION WITH PDE5 INHBITORS FOR THE TREATMENT OF CYSTIC FIBROSIS**
[54] **STIMULATEURS DE SGC OU ACTIVATEURS DE SGC SEULS OU EN COMBINAISON AVEC DES INHIBITEURS DE PDE5 POUR LE TRAITEMENT DE LA FIBROSE KYSTIQUE**
[72] SANDNER, PETER, DE
[72] VON DEGENFELD, GEORGES, DE
[72] STASCH, JOHANNES-PETER, DE
[73] ADVERIO PHARMA GMBH, DE
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[51] **Int.Cl. C07K 16/28 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01)**
[25] EN
[54] **ANTIBODIES AGAINST HUMAN COLONY STIMULATING FACTOR-1 RECEPTOR AND USES THEREOF**
[54] **ANTICORPS CONTRE LES COLONIES HUMAINES STIMULANT LE RECEPTEUR DU FACTEUR-1 ET SES UTILISATIONS**
[72] FERTIG, GEORG, DE
[72] FIDLER, ALEXANDER, DE
[72] KALUZA, KLAUS, DE
[72] THOMAS, MARLENE, DE
[72] RIES, CAROLA, DE
[72] SEEBER, STEFAN, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **DEVICE FOR EMBOSSING WRAPPING FILMS**
[54] **DISPOSITIF DE GAUFRAGE DE FILMS D'EMBALLAGE**
[72] BOEGLI, CHARLES, CH
[73] BOEGLI GRAVURES SA, CH
[85] 2012-08-03
[86] 2011-02-01 (PCT/EP2011/051417)
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[30] EP (10405023.2) 2010-02-09

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[25] EN
[54] **MOBILE STATION DEVICE, RADIO COMMUNICATION METHOD AND CIRCUIT DEVICE**
[54] **DISPOSITIF FORMANT STATION MOBILE, PROCEDE DE COMMUNICATION SANS FIL ET DISPOSITIF DE CIRCUIT**
[72] SUZUKI, SHOICHI, JP
[72] KATO, YASUYUKI, JP
[72] YAMADA, SHOHEI, JP
[72] NAKASHIMA, DAIICHIRO, JP
[73] SHARP KABUSHIKI KAISHA, JP
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[86] 2011-02-08 (PCT/JP2011/052629)
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[30] JP (2010-026362) 2010-02-09

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[25] EN
[54] **ASSAY FOR DETECTING CLOSELY-RELATED SEROTYPES OF HUMAN PAPILLOMAVIRUS (HPV)**
[54] **DOSAGE POUR LA DETECTION DE SEROTYPES ETROITEMENT APPARENTES DU PAPILLOMAVIRUS HUMAIN (HPV)**
[72] CHEN, CHI, US
[72] PECK, HUGH J., US
[72] PORTER, MICHAEL, US
[72] RICHART, GREGORY A., US
[72] MC MILLIAN, RAY A., US
[73] BECTON, DICKINSON AND COMPANY, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR DRIVE CIRCUITS FOR DYNAMIC MAGNETIC STRIPE COMMUNICATIONS DEVICES**
[54] **SYSTEMES ET PROCEDES POUR CIRCUITS D'ATTAQUE DESTINES A DES DISPOSITIFS DE COMMUNICATION A PISTE MAGNETIQUE DYNAMIQUES**
[72] CLOUTIER, BRUCE S., US
[72] LAMBETH, DAVID N., US
[72] WORKLEY, JAMES H., US
[73] DYNAMICS INC., US
[85] 2012-08-09
[86] 2011-02-16 (PCT/US2011/025047)
[87] (WO2011/103160)
[30] US (61/305,021) 2010-02-16

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[25] EN
[54] **METHOD, COMPUTER PROGRAM PRODUCT AND APPARATUS FOR PROVIDING A BUILDING OPTIONS CONFIGURATOR**
[54] **PROCEDE, PRODUIT-PROGRAMME D'ORDINATEUR ET APPAREIL POUR FOURNIR UN CONFIGURATEUR D'OPTIONS DE BATIMENT**
[72] BUMBALOUGH, STEVEN EUGENE, US
[72] SHARP, GARY NED, US
[72] ARPS, CHRIS, US
[72] BELT, DARWIN WAYNE, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2012-08-09
[86] 2011-02-28 (PCT/US2011/026426)
[87] (WO2011/109268)
[30] US (12/715,506) 2010-03-02

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[13] C
[51] **Int.Cl. D06M 11/61 (2006.01) D06M 11/78 (2006.01) D06M 13/144 (2006.01)**
[25] EN
[54] **LIQUID CONCENTRATED FABRIC SOFTENER COMPOSITION**
[54] **COMPOSITION ADOUCISSANTE DE TEXTILE CONCENTREE LIQUIDE**
[72] CARLSON, JESSICA, US
[72] CHRISTENSEN, STEPHEN, US
[72] HEI, ROBERT D.P., US
[73] ECOLAB USA INC., US
[85] 2012-08-15
[86] 2011-03-07 (PCT/IB2011/050958)
[87] (WO2011/110995)
[30] US (12/720,357) 2010-03-09

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[51] **Int.Cl. B23C 5/28 (2006.01)**
[25] EN
[54] **ROTARY CUTTING TOOL HAVING AN ADJUSTABLE COOLING MECHANISM**
[54] **OUTIL DE COUPE ROTATIF COMPORTANT UN MECANISME DE REFROIDISSEMENT REGLABLE**
[72] BONNARANG, FREDERIC, FR
[72] GUERARDELLE, CHRISTIAN, FR
[73] ISCAR LTD., IL
[85] 2012-08-23
[86] 2011-02-13 (PCT/IL2011/000151)
[87] (WO2011/111035)
[30] IL (204235) 2010-03-02

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[13] C
[51] **Int.Cl. A61M 5/315 (2006.01) A61M 5/20 (2006.01) A61M 5/50 (2006.01)**
[25] EN
[54] **DEVICE FOR THE AUTOMATIC INJECTION OF TWO DOSES OF A MEDICAMENT**
[54] **DISPOSITIF POUR L'INJECTION AUTOMATIQUE DE DEUX DOSES D'UN MEDICAMENT**
[72] EDHOUSE, MARK JEFFREY, GB
[72] RYAN, PATRICK J., US
[72] MIDDLETON, MAX WILLIAM, GB
[72] BUTCHER, CHRISTOPHER EDWARD, GB
[73] MENARINI INTERNATIONAL OPERATIONS LUXEMBOURG S.A., LU
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[30] IT (FI2010A000033) 2010-03-10

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[13] C
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[25] EN
[54] **CONVEYOR PALLET AND GUIDING SYSTEM**
[54] **PALETTE TRANSPORTEUR ET SYSTEME DE GUIDAGE**
[72] ECOB, ROBERT DONALD, CA
[73] ATS AUTOMATION TOOLING SYSTEMS INC., CA
[85] 2012-09-28
[86] 2011-03-30 (PCT/CA2011/050166)
[87] (WO2011/120163)
[30] US (61/318,938) 2010-03-30

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[13] C
[51] **Int.Cl. F01N 3/08 (2006.01) F01N 13/02 (2010.01)**
[25] EN
[54] **METHOD OF DEPLETING NITROUS OXIDE IN EXHAUST GAS AFTER-TREATMENT FOR LEAN-BURN ENGINES**
[54] **PROCEDE D'APPAUVRISSEMENT DE PROTOXYDE D'AZOTE LORS DU POST-TRAITEMENT DES GAZ D'ECHAPPEMENT POUR MOTEURS A CHARGE STRATIFIEE**
[72] ECKHOFF, STEPHAN, DE
[72] ADAM, FRANK, DE
[72] LAMMARCK, CHRISTIAN, DE
[73] UMICORE AG & CO. KG, DE
[85] 2012-10-03
[86] 2011-04-05 (PCT/EP2011/001678)
[87] (WO2011/124357)
[30] DE (10 2010 014 468.1) 2010-04-09

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/10 (2006.01) A61K 9/16 (2006.01) A61K 47/02 (2006.01)**
[25] EN
[54] **CLAY COMPOSITIONS**
[54] **COMPOSITIONS D'ARGILE**
[72] HACHER, BEATRICE, FR
[72] KUBIAK, DIDIER, FR
[72] HARNETT, JEREMIAH, FR
[72] MONDOLY, NATHALIE, FR
[73] IPSEN PHARMA S.A.S., FR
[85] 2012-10-04
[86] 2011-04-29 (PCT/IB2011/001452)
[87] (WO2011/135461)
[30] EP (10290225.1) 2010-04-29

[11] **2,796,598**
[13] C
[51] **Int.Cl. H04M 11/02 (2006.01) H04W 68/00 (2009.01)**
[25] EN
[54] **COMMUNICATION DEVICE, METHOD AND SYSTEM FOR PROVIDING PREVIEWS OF VOICE CALLS**
[54] **DISPOSITIF, PROCEDE ET SYSTEME DE COMMUNICATION VISANT A FOURNIR DES APERCUS DE COMMUNICATIONS VOCALES**
[72] FERRINGO, BRADLEY SHAYNE, US
[72] PASQUERO, JEROME, CA
[72] STONEHOUSE, NOEL JOHN ORLAND, CA
[73] BLACKBERRY LIMITED, CA
[86] (2796598)
[87] (2796598)
[22] 2012-11-23
[30] EP (11191502.1) 2011-12-01

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[13] C
[51] **Int.Cl. C08F 210/16 (2006.01)**
[25] EN
[54] **CATALYST COMPOSITIONS FOR PRODUCING HIGH MZ/MW POLYOLEFINS**
[54] **COMPOSITIONS DE CATALYSEUR PERMETTANT DE PRODUIRE DES POLYOLEFINES AYANT UN RAPPORT MZ/MW ELEVE**
[72] YANG, QING, US
[72] MCDANIEL, MAX P., US
[72] BEAULIEU, WILLIAM B., US
[72] MARTIN, JOEL L., US
[72] CRAIN, TONY R., US
[73] CHEVRON PHILLIPS CHEMICAL COMPANY LP, US
[85] 2012-10-17
[86] 2011-04-15 (PCT/US2011/032610)
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[51] **Int.Cl. B01D 53/62 (2006.01) B01D 53/14 (2006.01) F23J 15/00 (2006.01)**
[25] EN
[54] **EXHAUST GAS TREATMENT SYSTEM WITH CARBON DIOXIDE CHEMICAL ABSORPTION EQUIPMENT**
[54] **SYSTEME DE TRAITEMENT DES GAZ D'ECHAPPEMENT MUNI D'UN EQUIPEMENT D'ABSORPTION CHIMIQUE DU DIOXYDE DE CARBONE**
[72] KONISHI TOMOYUKI, JP
[72] NAKAMOTO TAKANORI, JP
[72] ODA NAOKI, JP
[72] MORIMOTO NOBUO, JP
[73] MITSUBISHI HITACHI POWER SYSTEMS, LTD., JP
[85] 2012-10-17
[86] 2011-04-19 (PCT/JP2011/059597)
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[13] C
[51] **Int.Cl. B23P 15/02 (2006.01) B23P 6/00 (2006.01) F01D 9/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR THE FORMING OF TURBINE VANE COVER PLATES**
[54] **APPAREIL ET PROCEDE POUR LE FORMAGE DE PLAQUES DE RECOUVREMENT D'AUBE DE TURBINE**
[72] ZEBEC, IGOR, CH
[72] SCHWEIZER, RAPHAEL, CH
[72] STEDUL, JOSIP, CH
[72] SCHMITT, TOBIAS, CH
[72] SZUECS, FRIGYES, CH
[73] ANSALDO ENERGIA IP UK LIMITED, GB
[86] (2797949)
[87] (2797949)
[22] 2012-12-03
[30] EP (11192222.5) 2011-12-06

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[25] EN
[54] **QUATERNARY AMMONIUM SALT PRODRUGS**
[54] **PROMEDICAMENTS CONTENANT DES SELS D'AMMONIUM QUATERNAIRE**
[72] ALMARSSON, ORN, US
[72] BLUMBERG, LAURA COOK, US
[72] REMENAR, JULIUS F., US
[73] ALKERMES PHARMA IRELAND LIMITED, US
[85] 2012-07-03
[86] 2010-12-23 (PCT/US2010/062078)
[87] (WO2011/084846)
[30] US (61/293,124) 2010-01-07
[30] US (61/293,153) 2010-01-07
[30] US (61/293,171) 2010-01-07
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[51] **Int.Cl. B61D 15/06 (2006.01) B61D 17/06 (2006.01) B61D 17/08 (2006.01) B61F 1/10 (2006.01)**
[25] EN
[54] **RAILWAY VEHICLE**
[54] **VEHICULE FERROVIAIRE**
[72] NAKAO, KOJI, JP
[72] HAYASHI, KENTARO, JP
[72] ISHIZUKA, TAKASHI, JP
[72] KURODA, MASARU, JP
[73] NIPPON SHARYO, LTD., JP
[85] 2012-11-05
[86] 2011-04-15 (PCT/JP2011/059339)
[87] (WO2011/142208)
[30] JP (2010-108142) 2010-05-10
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[25] EN
[54] **EXTERNAL DEVICE INTERFACE ABSTRACTION**
[54] **ABSTRACTION D'INTERFACE DE DISPOSITIF EXTERNE**
[72] FROME, ERIC ALLAN, US
[73] NAVITAIRE LLC, US
[86] (2799242)
[87] (2799242)
[22] 2012-12-19
[30] US (13/330,163) 2011-12-19

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[13] C
[51] **Int.Cl. C09J 153/00 (2006.01) C09J 133/06 (2006.01) G02B 5/30 (2006.01) G02F 1/1335 (2006.01)**
[25] EN
[54] **PRESSURE-SENSITIVE ADHESIVE COMPOSITION FOR OPTICAL FILMS AND PRESSURE-SENSITIVE ADHESION TYPE OPTICAL FILM**
[54] **COMPOSITION ADHESIVE SENSIBLE A LA PRESSION DESTINEE AUX FILMS OPTIQUES ET FILM OPTIQUE DE TYPE ADHESIF SENSIBLE A LA PRESSION**
[72] KANEMURA, HIDEAKI, JP
[72] MORISHITA, YOSHIHIRO, JP
[72] OSHITA, SHINYA, JP
[72] KAWASAKI, MASAHIKO, JP
[73] KURARAY CO., LTD., JP
[85] 2012-11-23
[86] 2011-06-03 (PCT/JP2011/062764)
[87] (WO2011/152514)
[30] JP (2010-128932) 2010-06-04

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[25] EN
[54] **METHOD FOR PRODUCING TUMOR CELL**
[54] **PROCEDE DE PRODUCTION DE CELLULES TUMORALES**
[72] AKAGI, TSUYOSHI, JP
[72] SASAI, KEN, JP
[73] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2012-11-26
[86] 2011-05-31 (PCT/JP2011/062876)
[87] (WO2011/152554)
[30] JP (2010-125256) 2010-05-31

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[51] **Int.Cl. C01B 39/48 (2006.01) C01B 39/04 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING MOLECULAR SIEVE SSZ-81**
[54] **PROCEDE POUR PREPARER UN TAMIS MOLECULAIRE SSZ-81**
[72] ZONES, STACEY I., US
[72] JACKOWSKI, ANNA, US
[73] CHEVRON U.S.A. INC., US
[85] 2012-12-03
[86] 2011-06-14 (PCT/US2011/040281)
[87] (WO2011/163008)
[30] US (61/358,806) 2010-06-25

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[51] **Int.Cl. H01F 37/00 (2006.01)**
[25] FR
[54] **HIGH-POWER AIR-CORE SMOOTHING INDUCTOR**
[54] **BOBINE DE LISSAGE A AIR POUR FORTES PUISSANCES**
[72] DEVAUTOUR, JOEL, FR
[72] GHORBEL, YOUSSEF, FR
[73] ALSTOM TECHNOLOGY LTD, CH
[85] 2012-12-03
[86] 2011-06-08 (PCT/EP2011/059429)
[87] (WO2011/154422)
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[51] **Int.Cl. A61K 31/505 (2006.01) A61K 31/09 (2006.01) A61K 31/135 (2006.01) A61K 31/137 (2006.01) A61K 31/4402 (2006.01) A61K 31/485 (2006.01) A61K 31/495 (2006.01) A61P 11/02 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITIONS FOR ALLEVIATING UPPER RESPIRATORY AND ORAL-PHARYNGEAL CONGESTION**
[54] **COMPOSITIONS PHARMACEUTIQUES DESTINEES A SOULAGER LA CONGESTION RESPIRATOIRE DES VOIES SUPERIEURES ET LA CONGESTION OROPHARYNGEE**
[72] MITCHELL, ODES W., US
[73] GM PHARMACEUTICALS, INC., US
[85] 2012-12-11
[86] 2011-06-13 (PCT/US2011/040231)
[87] (WO2011/156822)
[30] US (61/354,057) 2010-06-11
[30] US (61/354,053) 2010-06-11
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[51] **Int.Cl. C07D 215/227 (2006.01) A61P 3/10 (2006.01) A61P 25/00 (2006.01) C07D 263/58 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **PRODRUGS OF NH-ACIDIC COMPOUNDS: ESTER, CARBONATE, CARBAMATE AND PHOSPHONATE DERIVATIVES**
[54] **PROMEDICAMENTS DE COMPOSES NH-ACIDES : DERIVES ESTERS, CARBONATES, CARBAMATES ET PHOSPHONATES**
[72] BLUMBERG, LAURA COOK, US
[72] REMENAR, JULIUS F., US
[72] ALMARSSON, ORN, US
[72] ZEIDAN, TAREK A., US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
[85] 2012-12-13
[86] 2011-06-24 (PCT/US2011/041830)
[87] (WO2011/163594)
[30] US (61/358,348) 2010-06-24

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[51] **Int.Cl. C08G 63/12 (2006.01) C08G 63/78 (2006.01) C08J 3/16 (2006.01) G03G 9/08 (2006.01)**
[25] EN
[54] **SYTHESIS OF ABIETIC ACID-BASED MACROMER FOR POLYESTER RESIN PROCESS**
[54] **SYNTHESE DE MACROMERE A BASE D'ACIDE ABIETIQUE POUR UN PROCEDE DE RESINE POLYESTER**
[72] FARRUGIA, VALERIE M., CA
[72] SACRIPANTE, GUERINO G., CA
[72] ZHOU, KE, CA
[73] XEROX CORPORATION, US
[86] (2803238)
[87] (2803238)
[22] 2013-01-18
[30] US (13/359,034) 2012-01-26

[11] **2,803,510**
[13] C
[51] **Int.Cl. A47F 9/04 (2006.01)**
[25] EN
[54] **A CHECKOUT COUNTER**
[54] **COMPTOIR DE CAISSE**
[72] TOERNWALL, MAGNUS, SE
[72] VON SYDOW, CARL, SE
[72] MOELLER, JOHAN, SE
[72] KOOI, ERIK, NL
[72] BOITEN, HUGO, NL
[73] ITAB SCANFLOW AB, SE
[85] 2012-12-20
[86] 2011-06-23 (PCT/SE2011/050838)
[87] (WO2012/005659)
[30] SE (1050766-3) 2010-07-08
[30] SE (1051090-7) 2010-10-19

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[13] C
[51] **Int.Cl. E05F 15/60 (2015.01) E05F 15/611 (2015.01) E05F 15/70 (2015.01)**
[25] EN
[54] **DOOR OPERATOR WITH ELECTRICAL BACK CHECK FEATURE**
[54] **ACTIONNEUR DE PORTE AVEC MOYEN DE RETENUE ELECTRIQUE**
[72] HOUSER, BLUE, US
[73] YALE SECURITY INC., US
[85] 2013-01-11
[86] 2011-07-28 (PCT/US2011/045721)
[87] (WO2012/016040)
[30] US (12/845,973) 2010-07-29

[11] **2,805,400**
[13] C
[51] **Int.Cl. H04W 24/00 (2009.01)**
[25] EN
[54] **COMPUTER-IMPLEMENTED METHOD, MOBILE DEVICE, COMPUTER NETWORK SYSTEM, AND COMPUTER PROGRAM PRODUCT FOR OPTIMIZED AUDIO DATA PROVISION**
[54] **PROCEDE MIS EN OEUVRE PAR ORDINATEUR APPAREIL MOBILE, SYSTEME DE RESEAU INFORMATIQUE ET PROGRAMME D'ORDINATEUR POUR UNE FOURNITURE DE DONNEES SONORES OPTIMISEES**
[72] MACCHIETTI, ALESSANDRA, IT
[72] PUGLIA, ALESSANDRO, IT
[72] TAGLIERI, MANUELA, IT
[72] ZOMPARELLI, CHRISTIAN, IT
[72] PASTORI, ANDREA, IT
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
[86] (2805400)
[87] (2805400)
[22] 2013-02-08
[30] EP (12 425 041.6-2201) 2012-02-27

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[13] C
[51] **Int.Cl. H04N 19/139 (2014.01) H04N 19/172 (2014.01)**
[25] EN
[54] **IMAGE CODING METHOD, IMAGE DECODING METHOD, IMAGE CODING APPARATUS, IMAGE DECODING APPATARUS, AND IMAGE CODING AND DECODING APPARATUS**
[54] **PROCEDE DE CODAGE D'IMAGE, PROCEDE DE DECODAGE D'IMAGE, DISPOSITIF DE CODAGE D'IMAGE, DISPOSITIF DE DECODAGE D'IMAGE ET DISPOSITIF DE CODAGE/DECODAGE D'IMAGE**
[72] SUGIO, TOSHIYASU, JP
[72] NISHI, TAKAHIRO, JP
[72] SHIBAHARA, YOUJI, JP
[72] SASAI, HISAO, JP
[73] SUN PATENT TRUST, US
[85] 2013-01-15
[86] 2011-12-27 (PCT/JP2011/007309)
[87] (WO2012/090491)
[30] US (61/427,587) 2010-12-28

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[13] C
[51] **Int.Cl. C08F 10/00 (2006.01) C08F 4/651 (2006.01) C08F 4/654 (2006.01)**
[25] EN
[54] **CATALYST COMPONENTS FOR THE POLYMERIZATION OF OLEFINS**
[54] **COMPOSANTS DE CATALYSEUR POUR LA POLYMERISATION D'OLEFINES**
[72] PATER, JOCHEM T. M., IT
[72] LIGUORI, DARIO, IT
[72] VITALE, GIANNI, IT
[72] COLLINA, GIANNI, IT
[72] BRITA, DIEGO, IT
[72] DALL'OCCO, TIZIANO, IT
[72] MORINI, GIAMPIERO, IT
[73] BASELL POLIOLEFINE ITALIA S.R.L., IT
[85] 2013-01-17
[86] 2011-08-10 (PCT/EP2011/063730)
[87] (WO2012/025379)
[30] US (12/806,892) 2010-08-24
[30] EP (10175027.1) 2010-09-02

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[13] C
[51] **Int.Cl. B66C 1/10 (2006.01) B66C 1/22 (2006.01) B66C 1/28 (2006.01) B66C 1/34 (2006.01) B66C 1/36 (2006.01) B66C 1/62 (2006.01) B66C 1/66 (2006.01) B66F 19/02 (2006.01)**
[25] EN
[54] **ENGAGEMENT ASSEMBLY**
[54] **DISPOSITIF D'ENGAGEMENT**
[72] HEDLEY, ROBERT IAN, AU
[73] JUSTOY PTY LIMITED, AU
[85] 2013-01-17
[86] 2011-07-26 (PCT/AU2011/000939)
[87] (WO2012/012825)
[30] AU (2010903336) 2010-07-26

[11] **2,806,070**
[13] C
[51] **Int.Cl. E21B 33/13 (2006.01)**
[25] EN
[54] **METHOD, KIT AND SYSTEM FOR INJECTING GROUT INTO A BOREHOLE, METHOD OF DEPLOYING A TUBE INTO A BOREHOLE FOR GROUT INJECTION AND LEADER FOR USE IN A GROUT INJECTION SYSTEM**
[54] **METHODE, TROUSSE ET SYSTEME D'INJECTION DE MORTIER LIQUIDE DANS UN TROU DE FORAGE, METHODE DE DEPLOIEMENT D'UN TUBE DANS UN TROU DE FORAGE EN VUE DE L'INJECTION DE MORTIER LIQUIDEET POINTE SERVANT DANS UN SYSTEME D'INJECTION DE MORTIER LIQUIDE**
[72] DION, ALAIN, CA
[73] 9187-8850 QUEBEC INC., CA
[86] (2806070)
[87] (2806070)
[22] 2013-02-14

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[13] C
[51] **Int.Cl. H04N 21/2365 (2011.01) H04L 12/70 (2013.01) H04N 7/015 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR WIDEBAND DISTRIBUTION OF CONTENT**
[54] **PROCEDE ET APPAREIL DE DIFFUSION A LARGE BANDE DE CONTENUS**
[72] CARLUCCI, JOHN B, US
[72] HELMS, WILLIAM, US
[72] WILLIAMSON, LOUIS D., US
[73] TIME WARNER CABLE ENTERPRISES LLC, US
[86] (2806443)
[87] (2806443)
[22] 2005-12-14
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[25] EN
[54] **CIRCUIT BOARD FOR CONTROLLING WIRELESS DENTAL FOOT PEDAL**
[54] **CARTE DE CIRCUIT IMPRIME POUR LA COMMANDE D'UN LEVIER DE COMMANDE A PIED DENTAIRE SANS FIL**
[72] LINT, KEVIN KENNETH, US
[72] REAGAN, JOSEPH ROBERT, US
[73] DENTSPLY INTERNATIONAL INC., US
[85] 2013-01-29
[86] 2011-04-12 (PCT/US2011/032049)
[87] (WO2011/130221)
[30] US (61/323,142) 2010-04-12
[30] US (61/323,120) 2010-04-12
[30] US (61/323,129) 2010-04-12
[30] US (61/323,159) 2010-04-12

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[51] **Int.Cl. B01F 7/16 (2006.01) A47J 43/04 (2006.01) B01D 9/02 (2006.01) B01F 3/04 (2006.01) B01F 3/08 (2006.01) B01J 2/14 (2006.01)**
[25] EN
[54] **PARTICLE SIZE BREAKUP DEVICE AND ITS PERFORMANCE ESTIMATION METHOD AND SCALE UP METHOD**
[54] **DISPOSITIF DE PULVERISATION, PROCEDE D'EVALUATION DE PERFORMANCE ET PROCEDE D'EXTRAPOLATION CORRESPONDANT**
[72] KAMIYA TETSU, JP
[73] MEIJI CO., LTD., JP
[85] 2013-02-15
[86] 2010-10-18 (PCT/JP2010/068251)
[87] (WO2012/023217)
[30] JP (2010-184464) 2010-08-19

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[51] **Int.Cl. B01F 7/16 (2006.01) B01D 9/02 (2006.01) B01F 3/04 (2006.01) B01F 3/08 (2006.01) B01J 2/14 (2006.01)**
[25] EN
[54] **PARTICLE SIZE BREAKUP DEVICE AND ITS PERFORMANCE ESTIMATION METHOD AND SCALE UP METHOD**
[54] **DISPOSITIF DE PULVERISATION, PROCEDE D'EVALUATION DE PERFORMANCE ET PROCEDE D'EXTRAPOLATION CORRESPONDANT**
[72] KAMIYA, TETSU, JP
[73] MEIJI CO., LTD., JP
[85] 2013-02-15
[86] 2010-10-18 (PCT/JP2010/068262)
[87] (WO2012/023218)
[30] JP (2010-184465) 2010-08-19

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[13] C
[51] **Int.Cl. A61B 34/10 (2016.01) A61B 6/03 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR ROENTGENOGRAPHY-BASED MODELING**
[54] **PROCEDE ET SYSTEME PERMETTANT UNE MODELISATION BASEE SUR UNE RADIOGRAPHIE**
[72] CHERKASHIN, ALEXANDER, US
[72] MIKHEEV, KONSTANTIN EVGENEVICH, RU
[72] MORENKO, ALEXANDER ALEXANDROVICH, RU
[72] SAMCHUKOV, MIKHAIL, US
[72] SIVACHEV, DMITRY ALEXANDROVICH, RU
[72] VVEDENSKIY, PETR STANISLAVOVICH, RU
[73] AMEI TECHNOLOGIES, INC., US
[73] TEXAS SCOTTISH RITE HOSPITAL FOR CHILDREN, US
[85] 2013-02-20
[86] 2010-08-20 (PCT/RU2010/000452)
[87] (WO2012/023876)

[11] **2,810,831**
[13] C
[51] **Int.Cl. A61B 5/1455 (2006.01) A61B 5/00 (2006.01) G01J 5/24 (2006.01)**
[25] EN
[54] **METHOD FOR NON-INVASIVE ANALYSIS OF A SUBSTANCE CONCENTRATION WITHIN A BODY**
[54] **PROCEDE D'ANALYSE NON INVASIVE DE LA CONCENTRATION D'UNE SUBSTANCE DANS UN ORGANISME**
[72] GERLITZ, YONATAN, IL
[72] OSTRITSKY, ALEXANDER, IL
[73] GLUCOVISTA, INC., US
[85] 2013-03-07
[86] 2011-09-12 (PCT/US2011/051218)
[87] (WO2012/037029)
[30] US (12/883,063) 2010-09-15

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[13] C
[51] **Int.Cl. H01Q 1/12 (2006.01) H01Q 11/08 (2006.01)**
[25] EN
[54] **COLLAPSIBLE HELICAL ANTENNA**
[54] **ANTENNE HELICOIDALE REPLIABLE**
[72] MURPHY, PATRIC, CA
[72] MURPHY, PATRICK, CA
[73] WADE ANTENNA INC., CA
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[54] **MULTI-MODE DRIVE UNIT**
[54] **UNITE D'ENTRAINEMENT MULTIMODE**
[72] DUMITRU, PUIU, US
[72] GORO, TAMAI, US
[72] MILLER, SCOTT A., US
[73] CHRYSLER GROUP LLC, US
[85] 2013-03-15
[86] 2011-09-12 (PCT/US2011/051187)
[87] (WO2012/037013)
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[54] **RATCHETED SPINAL DEVICE**
[54] **DISPOSITIF RACHIDIEN A CREMAILLERE**
[72] ARNIN, URI, IL
[73] APIFIX LTD., IL
[85] 2013-03-18
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[54] **RECYCLABLE THERMOPLASTIC INSULATION WITH IMPROVED BREAKDOWN STRENGTH**
[54] **ISOLANT THERMOPLASTIQUE RECYCLABLE DOTE D'UNE RESISTANCE A LA DECOMPOSITION AMELIOREE**
[72] SUTTON, SIMON, GB
[72] GEUSSENS, THEO E., CH
[72] VAUGHAN, ALAN S., GB
[72] STEVENS, GARY, GB
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[73] DOW CHEMICAL COMPANY LIMITED, GB
[73] UNIVERSITY OF SOUTHAMPTON, GB
[73] GNOSYS GLOBAL LTD., GB
[85] 2013-03-15
[86] 2011-09-23 (PCT/US2011/052921)
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[54] **PROCESS FOR THE PREPARATION OF DISACCHARIDES APPLIED TO HEPARIN PENTASACCHARIDES**
[54] **PROCEDE DE PREPARATION DE DISACCHARIDES APPLIQUE A DES PENTASACCHARIDES D'HEPARINE**
[72] HSIAO, TSUNG YU, TW
[72] LIN, CHEN WEI, TW
[73] SCINOPHARM SINGAPORE PTE LTD., SG
[85] 2013-03-19
[86] 2011-10-05 (PCT/SG2011/000347)
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[25] EN
[54] **IMIDAZOTRIAZINONE COMPOUNDS**
[54] **COMPOSES IMIDAZOTRIAZINONES**
[72] RIPKA, AMY, US
[72] SHAPIRO, GIDEON, US
[72] MCRINER, ANDREW, US
[72] CHESWORTH, RICHARD, US
[72] KOENIG, GERHARD, US
[73] IRONWOOD PHARMACEUTICALS, INC., US
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[51] **Int.Cl. H04W 84/18 (2009.01) H04B 5/06 (2006.01)**
[25] EN
[54] **COMMUNICATIONS SYSTEM PROVIDING DATA TRANSFER USING SELECTIVE WIRELESS COMMUNICATIONS FORMATS AND RELATED METHODS**
[54] **SYSTEME DE COMMUNICATION PERMETTANT DE REALISER UN TRANSFERT DE DONNEES AU MOYEN DE FORMATS DE COMMUNICATION SANS FIL SELECTIFS ET PROCEDES ASSOCIES**
[72] MOOSAVI, VAHID, CA
[72] WALKER, DAVID RYAN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-03-21
[86] 2011-09-23 (PCT/CA2011/050592)
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[30] US (61/385,734) 2010-09-23
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[54] **EXPANSION VALVE CONTROL SYSTEM AND METHOD FOR AIR CONDITIONING APPARATUS**
[54] **SYSTEME ET PROCEDE DE COMMANDE DE DETENDEUR POUR UN DISPOSITIF DE CONDITIONNEMENT D'AIR**
[72] MERCER, KEVIN B., US
[72] EDENS, JOHN R., US
[72] DOUGLAS, JONATHAN DAVID, US
[73] TRANE INTERNATIONAL INC., US
[85] 2013-03-26
[86] 2011-09-30 (PCT/US2011/054246)
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[25] EN
[54] **METHOD AND APPARATUS FOR MAKING INSULATING TRANSLUCENT PANEL ASSEMBLIES**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE DES ENSEMBLES DE PANNEAUX D'ISOLATION TRANSLUCIDES**
[72] HOWES, STEPHEN E., BS
[72] REICHERT, GERHARD, US
[73] P.E.T. POLYMER EXTRUSION TECHNOLOGY, INC., US
[85] 2013-03-28
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[25] EN
[54] **RECYCLING CARBON DIOXIDE VIA CAPTURE AND TEMPORARY STORAGE TO PRODUCE RENEWABLE FUELS AND DERIVED PRODUCTS**
[54] **RECYCLAGE DU DIOXYDE DE CARBONE PAR CAPTURE ET STOCKAGE TEMPORAIRE POUR PRODUIRE DES COMBUSTIBLES RENOUVELABLES ET DES PRODUITS DERIVES**
[72] OLAH, GEORGE A., US
[72] PRAKASH, G.K. SURYA, US
[73] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2013-04-02
[86] 2011-09-09 (PCT/US2011/050969)
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[25] EN
[54] **A RADIAL BEARING FOR MOUNTING A SHAFT**
[54] **PALIER RADIAL POUR SUPPORT D'UN ARBRE**
[72] HOLSTEIN, BENJAMIN, DE
[72] LOCHSCHMIDT, JOERG, DE
[73] VOITH PATENT GMBH, DE
[85] 2013-04-05
[86] 2011-12-07 (PCT/EP2011/006114)
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[54] **CENTRALIZED POWER CONDITIONING**
[54] **CONDITIONNEMENT DE COURANT CENTRALISE**
[72] SCHUGART, PERRY S., US
[72] VAREKA, WILLIAM, US
[72] REDDY, NARENDRA, US
[73] AMERICAN SUPERCONDUCTOR CORPORATION, US
[85] 2013-04-09
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[54] **FLUID TRANSPORT SYSTEM FOR PREVENTING ELECTRICAL DISCHARGE**
[54] **SYSTEME DE TRANSPORT DE FLUIDE POUR PREVENIR LA DECHARGE ELECTRIQUE**
[72] MINTEER, DAVID WILLIAM, US
[72] IRWIN, JAMES PATRICK, US
[72] JOHNSON, BENJAMIN A., US
[72] AXTELL, JOHN THOMAS, US
[73] THE BOEING COMPANY, US
[86] (2814430)
[87] (2814430)
[22] 2013-05-01
[30] US (61/657,248) 2012-06-08
[30] US (61/669,299) 2012-07-09
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[54] **OPTICAL SENSOR FOR NON-CONTACT VOLTAGE MEASUREMENT**
[54] **CAPTEUR OPTIQUE POUR MESURE DE TENSION SANS CONTACT**
[72] LEVESQUE, MARC, CA
[73] INSTITUT NATIONAL D'OPTIQUE, CA
[86] (2814526)
[87] (2814526)
[22] 2013-05-02
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[25] EN
[54] **COLD-SPRAY NOZZLE AND COLD-SPRAY DEVICE USING COLD-SPRAY NOZZLE**
[54] **BUSE A PULVERISATION A FROID ET DISPOSITIF DE PULVERISATION A FROID EMPLOYANT LA BUSE DE PULVERISATION A FROID**
[72] FUKANUMA, HIROTAKA, JP
[73] PLASMA GIKEN CO., LTD., JP
[85] 2013-04-16
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[25] EN
[54] **FATTY AMIDES AND DERIVATIVES FROM NATURAL OIL METATHESIS**
[54] **AMIDES GRAS ET DERIVES ISSUS D'UNE METATHESE D'HUILE NATURELLE**
[72] ALLEN, DAVE R., US
[72] ALONSO, MARCOS, US
[72] BERNHARDT, RANDAL J., US
[72] BROWN, AARON, US
[72] BUCHEK, KELLY, US
[72] GANGULY-MINK, SANGEETA, US
[72] HOLLAND, BRIAN, US
[72] LUEBKE, GARY, US
[72] LUKA, RENEE, US
[72] MALEC, ANDREW D., US
[72] MASTERS, RONALD A., US
[72] MURPHY, DENNIS S., US
[72] SHAPIRO, IRENE, US
[72] SKELTON, PATTI, US
[72] SOOK, BRIAN, US
[72] TERRY, MICHAEL R., US
[72] WALLACE, GREGORY, US
[72] WHITLOCK, LAURA LEE, US
[72] WIESTER, MICHAEL, US
[72] WOLFE, PATRICK SHANE, US
[72] TITIEVSKY, LENA, US
[73] STEPAN COMPANY, US
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[87] (WO2012/061094)
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[54] **APPARATUS FOR DRYING AND/OR COOLING GAS**
[54] **DISPOSITIF DE SECHAGE ET/OU DE REFROIDISSEMENT DE GAZ**
[72] HEINZL, WOLFGANG, DE
[73] MAJOR BRAVO LIMITED, VG
[85] 2013-04-26
[86] 2011-10-05 (PCT/EP2011/004967)
[87] (WO2012/055477)
[30] DE (10 2010 050 042.9) 2010-10-29

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[54] **ANTI-HER3 ANTIBODIES AND COMPOSITIONS**
[54] **ANTICORPS ANTI-HER3 ET COMPOSITIONS**
[72] PEDERSEN, MIKKEL WANDAHL, DK
[72] JACOBSEN, HELLE, DK
[72] KOEFOED, KLAUS, DK
[73] SYMPHOGEN A/S, DK
[85] 2013-04-30
[86] 2011-10-31 (PCT/IB2011/054835)
[87] (WO2012/059858)
[30] US (61/408,782) 2010-11-01
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[54] **REMOTE VIDEO PRODUCTION**
[54] **PRODUCTION VIDEO A DISTANCE**
[72] LUNDGREN, KENT, SE
[72] ALLSTEDT, ROGER, SE
[72] PEDERSEN, LEIF TOFTGAARD, DK
[73] MOVING MEDIA NORDIC AB, SE
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[51] **Int.Cl. B44B 5/02 (2006.01)**
[25] EN
[54] **METHOD FOR PROCESSING A STRUCTURED SURFACE OF AN EMBOSSING TOOL**
[54] **PROCEDE DE TRAITEMENT D'UNE SURFACE STRUCTUREE D'UN OUTIL D'ESTAMPAGE**
[72] MARXEN, MARTIN, DE
[72] STOFFEL, WOLFGANG, DE
[73] HUECK RHEINISCHE GMBH, DE
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[54] **SYSTEM AND METHOD FOR STEREOSCOPIC 3-D RENDERING**
[54] **SYSTEME ET PROCEDE POUR RENDU 3D STEREOSCOPIQUE**
[72] GARDENFORS, DAN ZACHARIAS, SE
[72] ERIKSSON, MARCUS, SE
[73] BLACKBERRY LIMITED, CA
[86] (2818537)
[87] (2818537)
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[54] **INTUMESCENT, HALOGEN-FREE, SILICON-PHOSPHORUS-NITROGEN BASED POLYMERIC FLAME RETARDANT**
[54] **IGNIFUGE POLYMERE INTUMESCENT A BASE DE SILICIUM-PHOSPHORE-AZOTE SANS HALOGENE**
[72] ZHU, JOURNEY LU, CN
[72] CHEN, GIVEN JING, CN
[72] JOW, JINDER, US
[72] SU, KENNY CHUN HUI, CN
[72] WEI, PING, CN
[72] WANG, CHEN, CN
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[51] **Int.Cl. G01B 17/06 (2006.01) G01B 21/20 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SCANNING AN OBJECT**
[54] **METHODE ET APPAREIL DE BALAYAGE D'UN OBJET**
[72] GRIMARD, NICOLAS, CA
[72] SICARD, RENE, CA
[72] SERHAN, SAM H., CA
[73] SYSTEMES TECSCAN INC., CA
[86] (2820732)
[87] (2820732)
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[51] **Int.Cl. B61D 7/22 (2006.01) B61D 7/02 (2006.01) B61D 7/18 (2006.01)**
[25] EN
[54] **RAIL ROAD HOPPER CAR FITTINGS AND METHOD OF OPERATION**
[54] **RACCORDS DE WAGON-TREMIE ET METHODE DE FONCTIONNEMENT**
[72] FORBES, JAMES W., CA
[72] KHATTAB, MOHAMED A., CA
[72] BIS, TOMASZ, CA
[72] DAVIS, WILLIAM R., CA
[73] NATIONAL STEEL CAR LIMITED, CA
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[25] EN
[54] **WIRELESS VOLTAGE REFERENCE BROADCAST IN A DISTRIBUTED ENERGY METERING SYSTEM**
[54] **DIFFUSION SANS FIL DE REFERENCE DE TENSION AU SEIN D'UN SYSTEME DISTRIBUE DE COMPTAGE D'ENERGIE**
[72] PERRY, DAVID GARETH, CA
[72] JOANNOU, EMIL T., CA
[72] GALLANT, DENIS A., CA
[73] ENERCARE CONNECTIONS INC., CA
[85] 2013-06-14
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[30] US (61/423,233) 2010-12-15

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[13] C
[51] **Int.Cl. G08B 13/00 (2006.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DISCLOSING UNAUTHORIZED REMOVAL OF ARTICLES FROM SECURED PREMISES**
[54] **SYSTEME ET PROCEDE D'INDICATION DE RETRAIT NON AUTORISE D'ARTICLES DE LOCAUX SECURISES**
[72] DAVIS, CHARLES E., US
[73] DAVIS, CHARLES E., US
[86] (2823174)
[87] (2823174)
[22] 2013-08-07
[30] US (13/661,252) 2012-10-26

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[51] **Int.Cl. E21B 7/128 (2006.01) E21B 15/02 (2006.01) E21B 43/01 (2006.01)**
[25] EN
[54] **SUBSEA PRODUCTION SYSTEM HAVING ARCTIC PRODUCTION TOWER**
[54] **SYSTEME DE PRODUCTION SOUS-MARIN POSSEDANT UNE TOUR DE PRODUCTION ARCTIQUE**
[72] BRINKMANN, CARL R., US
[72] MATSKEVITCH, DMITRI G., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2013-06-27
[86] 2011-12-20 (PCT/US2011/066155)
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[25] EN
[54] **INHIBITORS OF BRANCHED-CHAIN-AMINOTRANSFERASE-1 (BCAT1) FOR THE TREATMENT OF BRAIN TUMORS**
[54] **INHIBITEURS D'AMINOTRANSFERASE-1 RAMIFIEE (BCAT1) POUR LE TRAITEMENT DE TUMEURS CEREBRALES**
[72] RADLWIMMER, BERNHARD, DE
[72] TONJES, MARTJE, DE
[72] BARBUS, SEBASTIAN, DE
[72] LICHTER, PETER, DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2013-07-04
[86] 2012-01-27 (PCT/EP2012/000378)
[87] (WO2012/100957)
[30] EP (11000720.0) 2011-01-28

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[13] C
[51] **Int.Cl. E21B 17/10 (2006.01)**
[25] EN
[54] **CENTRALIZER**
[54] **CENTREUR**
[72] EIDEM, MORTEN, NO
[72] WELTZIN, TORE, NO
[72] GRINDHAUG, GAUTE, NO
[72] ABDOLLAHI, JAFAR, NO
[73] STATOIL PETROLEUM AS, NO
[85] 2013-07-05
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[25] EN
[54] **ANCHOR FOR BOATS**
[54] **ANCRE POUR BATEAUX**
[72] TORRES, CARLOS A., US
[72] KUENZEL, RAINER, US
[73] TORRES, CARLOS A., US
[85] 2013-07-30
[86] 2012-02-06 (PCT/US2012/023942)
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[30] US (61/439,842) 2011-02-05

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[51] **Int.Cl. C09D 11/34 (2014.01) C09D 11/12 (2006.01)**
[25] EN
[54] **PHASE CHANGE INK WITH COMPOSTABLE WAX**
[54] **ENCRE A CHANGEMENT DE PHASE COMPORTANT DE LA CIRE COMPOSTABLE**
[72] TOOSI, SALMA FALAH, CA
[72] BIRAU, MARIA, CA
[72] ABRAHAM, BIBY E., CA
[72] MAYO, JAMES D., CA
[72] ODELL, PETER G., CA
[72] ALLEN, C. GEOFFREY, CA
[73] XEROX CORPORATION, US
[86] (2826325)
[87] (2826325)
[22] 2013-09-05
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[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 21/83 (2013.01) G06F 3/041 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SECURE DATA ENTRY**
[54] **SYSTEME ET PROCEDE D'ENTREE DE DONNEES SECURISEE**
[72] LEE, CHANG, US
[73] SOFTLAYER TECHNOLOGIES, INC., US
[85] 2013-08-13
[86] 2012-06-14 (PCT/US2012/042507)
[87] (WO2013/077909)
[30] US (13/093,141) 2011-04-25

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[13] C
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[25] EN
[54] **UTILIZING MATRIX CODES DURING INSTALLATION OF COMPONENTS OF A DISTRIBUTION SYSTEM**
[54] **UTILISATION DE CODES DE MATRICE DURANT L'INSTALLATION DE COMPOSANTS D'UN SYSTEME DE DISTRIBUTION**
[72] MARTCH, HENRY GREGG, US
[72] SCHAEFER, GERMAR, US
[72] GRATTON, MAX STEPHEN, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[54] **ETHER-ESTERS DE GLYCOL A TENEUR EN COV FAIBLE/NULLE EN TANT QU'AGENTS DE COALESCENCE POUR DES DISPRSIONS AQUEUSES DE POLYMERE**
[72] ADAMSON, LINDA A., US
[72] BECKER, MICHAEL C., US
[72] TEPE, THOMAS R., US
[72] DONATE, FELIPE A., US
[72] WACHOWICZ, REBECCA J., US
[72] FASANO, DAVID M., US
[72] ITTNER, SARAH E., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
[73] ROHM AND HAAS COMPANY, US
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[54] **GESTION D'INFORMATIONS SPECIFIQUES A UN UTILISATEUR POUR UN CONTENU PENDANT DES OPERATIONS DE MODIFICATION DE CONTENU**
[72] ALEXANDER, MICHAEL, US
[73] ECHOSTAR TECHNOLOGIES L.L.C., US
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[54] **PROCEDES D'EXTRACTION EN PHASE LIQUIDE ET DE DETECTION D'ACIDES NUCLEIQUES**
[72] ZHONG, HAOHAO, CN
[73] PEKING UNIVERSITY, CN
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[54] **UN SYSTEME D'ASCENSEUR DOTE DE DEUX DISPOSITIFS DE FREINAGE D'URGENCE**
[72] BENOIT, JEAN-FRANCOIS, CA
[73] BENOIT, JEAN-FRANCOIS, CA
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[54] **DISPOSITIF DE LEVAGE/STABILISATEUR DE BANDE ET PROCEDE ASSOCIE**
[72] ANDERSON, KIM A., US
[72] MAKI, ERIC, US
[72] GLENN, GEORGE, US
[73] MEGTEC SYSTEMS, INC., US
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[54] **COMPOSITIONS D'HUILE LUBRIFIANTES CONTENANT DES AMINES STERIQUEMENT MASQUEES EN TANT QUE SOURCES A INDICE DE BASE SANS TENEUR EN CENDRE**
[72] BERA, TUSHAR K., US
[72] HARTLEY, JOSEPH P., GB
[72] LI, GUIFENG, US
[72] CANDIDO, GABRIELE, GB
[72] GULACSY, CHRISTINA, GB
[73] INFINEUM INTERNATIONAL LIMITED, GB
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[54] **DISPOSITIF DE BALAYAGE POUR INTERFEROMETRIE A FAIBLE COHERENCE**
[72] RUBIO GUIVERNAU, JOSE LUIS, ES
[72] MARGALLO BALBAS, EDUARDO, ES
[73] MEDLUMICS S.L., ES
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[54] **PARAFFINIC OIL-IN-WATER EMULSIONS FOR CONTROLLING INFECTION OF CROP PLANTS BY FUNGAL PATHOGENS**
[54] **EMULSIONS HUILE PARAFFINIQUE DANS EAU UTILISABLES EN VUE DE LA LUTTE CONTRE LES INFECTIONS PAR DES CHAMPIGNONS PATHOGENES CHEZ LES PLANTES CULTIVEES**
[72] FEFER, MICHAEL, CA
[72] LIU, JUN, CA
[73] SUNCOR ENERGY INC., CA
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[54] **PHOTOCHROMIC PHASE CHANGE INK COMPOSITIONS**
[54] **COMPOSITIONS D'ENCRE A CHANGEMENT DE PHASE PHOTOCHROMIQUES**
[72] IFTIME, GABRIEL, CA
[72] VANBESIEN, DARYL W., CA
[72] DRAPPEL, STEPHAN V., CA
[72] BELELIE, JENNIFER L., CA
[72] CHOPRA, NAVEEN, CA
[72] GOREDEMA, ADELA, CA
[73] XEROX CORPORATION, US
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[54] **TRAITEMENT MULTIFONCTIONNEL RECONFIGURABLE PRET-A-BRANCHER ACTIVE PAR RESEAU ET NOEUD DE DETECTION**
[72] LY, SIDNEY, US
[72] SALOUR, AL, US
[72] CHOI, JAI J., US
[72] HOWARD, BRUCE S., US
[72] HAZLEHURST, LAURENCE N., US
[73] THE BOEING COMPANY, US
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[54] **ASSEMBLY FOR MANIPULATING A BONE COMPRISING A POSITION TRACKING SYSTEM**
[54] **ENSEMBLE DE MANIPULATION D'UN OS COMPRENANT UN SYSTEME DE REPERAGE D'UNE POSITION**
[72] BAUMGARTNER, ADRIAN, CH
[73] DEPUY SYNTHES PRODUCTS, INC., US
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[54] **PERIPHERALLY ACTING OPIOID COMPOUNDS**
[54] **COMPOSES OPIOIDES AGISSANT SUR LE SYSTEME NERVEUX PERIPHERIQUE**
[72] BLUMBERG, LAURA COOK, US
[72] ARNELLE, DERRICK, US
[73] ALKERMES, INC., US
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[54] **DEVICE FOR MOVING OR REMOVING ARTIFICIAL SATELLITES**
[54] **DISPOSITIF DE DEPLACEMENT OU DE RETRAIT DE SATELLITES ARTIFICIELS**
[72] ROSSETTINI, LUCA, IT
[72] TUSSIWAND, GIUSEPPE JUSSEF, DE
[72] PANESI, RENATO, IT
[72] PANOZZO, THOMAS, FR
[73] D-ORBIT S.R.L., IT
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[72] BILAS, THOMAS, DE
[72] HUBER, PETER, DE
[72] LI, KONSTANTIN, DE
[72] MAYER-STEFFENS, KLAUS, DE
[72] SIEGEL, STEPHAN, DE
[72] WAADT, GUNTHER, DE
[73] SAXONIA EUROCOIN GMBH, DE
[73] STAATLICHE MUNZEN BADEN-WURTTEMBERG, DE
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[72] CHANNAMSETTI, SRINIVASARAO, IN
[72] KOMMUNURI, RAVI SHANKER, IN
[72] MAHANTI, AROOP ROHAN, IN
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **METHOD AND APPARATUS FOR USING PRE-POSITIONED OBJECTS TO LOCALIZE AN INDUSTRIAL VEHICLE**
[54] **PROCEDE ET APPAREIL POUR UTILISER DES OBJETS PREPOSITIONNES AFIN DE LOCALISER UN VEHICULE INDUSTRIEL**
[72] WONG, LISA, NZ
[72] GRAHAM, ANDREW EVAN, NZ
[72] GOODE, CHRISTOPHER W., NZ
[72] WALTZ, LUCAS B., US
[73] CROWN EQUIPMENT CORPORATION, US
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[54] **THERMAL ENERGY STORAGE DEVICES, SYSTEMS, AND THERMAL ENERGY STORAGE DEVICE MONITORING METHODS**
[54] **DISPOSITIFS DE STOCKAGE D'ENERGIE THERMIQUE, SYSTEMES ET PROCEDES DE CONTROLE DE DISPOSITIF DE STOCKAGE D'ENERGIE THERMIQUE**
[72] TUGURLAN, MARIA C., US
[72] TUFFNER, FRANCIS K., US
[72] CHASSIN, DAVID P., US
[73] BATTELLE MEMORIAL INSTITUTE, US
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[54] **VENTILATION SYSTEM AND METHOD**
[54] **SYSTEME DE VENTILATION ET METHODE**
[72] ZAKULA, MIRKO, US
[72] PENLESKY, ROBERT G., US
[72] KARST, DANIEL L., US
[72] JONAS, KENNETH J., US
[73] BROAN-NUTONE LLC, US
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[54] UTILISATION DE PROTEINES GAG NON DE SOUS-TYPE B POUR L'EMBALLAGE LENTIVIRAL
[72] TRAN, THI-LAN, FR
[72] CHARNEAU, PIERRE, FR
[72] BAUCHE, CECILE, FR
[73] THERAVECTYS, FR
[73] INSTITUT PASTEUR, FR
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[54] TETE D'ENREGISTREMENT OPTIQUE ET DISPOSITIF DE FORMATION D'IMAGE
[72] MORIWAKI, HAJIME, JP
[73] NEC PLATFORMS, LTD., JP
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[72] HENDRICKS, TIMOTHY W., US
[73] GRAPHIC PACKAGING INTERNATIONAL, INC., US
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[54] PROCEDE D'ALKYLATION A L'AIDE DE LIQUIDES IONIQUES A BASE DE PHOSPHONIUM
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[72] NAFIS, DOUGLAS A., US
[72] BHATTACHARYYA, ALAKANANDA, US
[73] UOP LLC, US
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[72] VILLELLA, GIACOMO, CA
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[54] SYSTEMS AND METHODS FOR VARIABLE INJECTION FLOW
[54] SYSTEMES ET PROCEDES S'APPLIQUANT A UN ECOULEMENT PAR INJECTION VARIABLE
[72] GROVES, REGINA E., US
[72] LALONDE, JEAN-PIERRE, CA
[72] LASKE, TIMOTHY G., US
[72] LUECKGE, CLAUDIA, CA
[72] WITTENBERGER, DAN, CA
[72] SABBAGHE-KERMANI, RAMIN, CA
[72] SERAJ, MAHMOUD KABIR, US
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[25] EN
[54] STEERING ASSEMBLY INDICATOR SYSTEM FOR A LAWN CARE OR ZERO-TURN VEHICLE
[54] SYSTEME D'INDICATEUR D'ENSEMBLE DIRECTION POUR VEHICULE D'ENTRETIEN DES PELOUSES OU A RAYON DE BRAQUAGE NUL
[72] DWYER, SEAN, US
[73] HUSQVARNA AB, SE
[85] 2014-04-28
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[54] **ENHANCED BLOCK-REQUEST STREAMING SYSTEM USING SIGNALING OR BLOCK CREATION**
[54] **SYSTEME AMELIORE DE DIFFUSION EN FLUX DE DEMANDES DE BLOCS UTILISANT LA SIGNALISATION OU LA CREATION DE BLOCS**
[72] LUBY, MICHAEL G., US
[72] WATSON, MARK, US
[72] VICISANO, LORENZO, US
[72] PAKZAD, PAYAM, US
[72] WANG, BIN, US
[72] CHEN, YING, US
[72] STOCKHAMMER, THOMAS, US
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[54] **SOLID SURFACTANT COMPOSITION COMPRISING SODIUM CARBONATE, CREAM OF TARTAR, GLYCERINE, SODIUM LAURYL SULPHATE, AND SODIUM LAURETH SULPHATE**
[54] **COMPOSITION DE SURFACTANT SOLIDE RENFERMANT DU CARBONATE DE SODIUM, DE LA CREME DE TARTRE, DE LA GLYCERINE DU SULFATE SODIQUE DE LAURYL ET DU SULFATE SODIQUE DE LAURETH**
[72] CONSTANTINE, MARK, GB
[72] CONSTANTINE, MARGARET JOAN, GB
[72] AMBROSEN, HELEN ELIZABETH, GB
[73] COSMETIC WARRIORS LIMITED, GB
[85] 2014-05-08
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[54] **LIGHTNING PROTECTION APPARATUS AND METHOD FOR FLOATING ROOF TANK**
[54] **APPAREIL ET PROCEDE DE PROTECTION CONTRE LA FOUDRE POUR UN RESERVOIR A TOIT FLOTTANT**
[72] RIZK, FAROUK A. M., CA
[72] RIZK, AMR, CA
[73] RIZK, FAROUK A. M., CA
[73] RIZK, AMR, CA
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[54] **BOITE DE TREMIE ET TREMIE CONSTRUITE AVEC UN PLANCHER EN FORME DE C INCURVE LONGITUDINALEMENT ALLONGE ET REPLIE**
[72] GARCIA-HUIDOBRO VALDIVIESO, ALFREDO, CL
[73] ANSAR DISENO LIMITADA, CL
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[54] **PRODRUGS OF TERTIARY AMINE COMPOUNDS**
[54] **PROMEDICAMENTS DE COMPOSES AMINES TERTIAIRES**
[72] BLUMBERG, LAURA COOK, US
[72] LOWE, JOHN ADAM, US
[72] ALMARSSON, ORN, US
[72] ALVAREZ, JUAN, US
[72] ZEIDAN, TAREK A., US
[73] ALKERMES PHARMA IRELAND LIMITED, IE
[85] 2014-06-10
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[54] **METAL DETECTOR**
[54] **DETECTEUR DE METAUX**
[72] MOORE, JOHN COLIN, GB
[72] TAGG, COLIN MICHAEL, GB
[73] ILLINOIS TOOL WORKS INC., US
[85] 2014-06-11
[86] 2013-02-07 (PCT/US2013/025040)
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[30] GB (1202324.8) 2012-02-10
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[54] **INTEGRATED ASPHALT HEATING UNIT AND COMB**
[54] **UNITE INTEGREE DE CHAUFFAGE D'ASPHALTE ET PEIGNE**
[72] REES, MICHAEL, US
[73] REES, MICHAEL, US
[86] (2859339)
[87] (2859339)
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[54] **CORROSION RESISTANT EQUIPMENT FOR OIL AND/OR GAS APPLICATIONS**
[54] **MATERIEL RESISTANT A LA CORROSION POUR DES APPLICATIONS DE PETROLE ET/OU DE GAZ**
[72] PEREZ, TERESA, AR
[72] BELLINGARDI, MAURIZIO, IT
[72] BORTOT, PAOLO, IT
[72] ESPIN, DOUGLAS, DE
[72] BECKER-WILLINGER, CARSTEN, DE
[72] HOLLMANN, FRANK, DE
[72] JOCHUM, MARLON, DE
[72] OPSOLDER, MICHAEL, DE
[72] SCHMITZ-STOWE, SABINE, DE
[73] TENARIS CONNECTIONS B.V., NL
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[25] EN
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[54] **PROCEDE POUR LA CONCENTRATION DE CELLULOSE FIBRILLAIRE ET PRODUIT A BASE DE CELLULOSE FIBRILLAIRE**
[72] VEHNIAINEN, ANNIKKI, FI
[72] NUOPPONEN, MARKUS, FI
[72] PIRKONEN, PENTTI, FI
[72] LILLE, MARTINA, FI
[72] MURSUNEN, HANNU, FI
[73] UPM-KYMMENE CORPORATION, FI
[85] 2014-07-07
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[54] **SEAL ASSEMBLY FOR LOADING DOCK SEALS AND SHELTERS**
[54] **ENSEMBLE D'ETANCHEITE DE SAS D'ETANCHEITE ET D'ABRIS DE QUAI DE CHARGEMENT**
[72] DIGMANN, CHARLES, US
[72] SCHMIDT, TIMOTHY J., US
[73] RITE-HITE HOLDING CORPORATION, US
[85] 2014-07-11
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[25] EN
[54] **APPARATUS AND METHOD FOR AUTOMATICALLY EXAMINING A MILKING MACHINE**
[54] **APPAREIL ET PROCEDE D'EXAMEN AUTOMATIQUE DE TRAYEUSE**
[72] SONG, YONGBOK, KR
[72] CHO, YONGSEOK, KR
[73] SONG, YONGBOK, KR
[73] CHO, YONGSEOK, KR
[85] 2014-07-15
[86] 2012-12-13 (PCT/KR2012/010838)
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[54] **FUNDS TRANSFERS BASED ON OPTICAL MACHINE READABLE IMAGES**
[54] **TRANSFERTS DE FONDS BASES SUR DES IMAGES LISIBLES PAR UNE MACHINE OPTIQUE**
[72] ITWARU, MARK, CA
[73] RIAVERA CORP., CA
[85] 2014-07-24
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[54] **DUAL DEVICE APPARATUS AND METHODS USABLE IN WELL DRILLING AND OTHER OPERATIONS**
[54] **APPAREIL A DOUBLE DISPOSITIF ET METHODES DESTINES AU FORAGE DE PUITS ET AUTRES OPERATIONS**
[72] LAYDEN, REGINALD WAYE, CA
[73] RAPTOR RIG, INC., CA
[86] (2863087)
[87] (2863087)
[22] 2014-08-26
[30] US (14/468,703) 2014-08-26

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[25] EN
[54] **REAL-TIME NUMERICAL CONTROL TOOL PATH ADAPTATION USING FORCE FEEDBACK**
[54] **ADAPTATION DE TRAJECTOIRE D'OUTIL A COMMANDE NUMERIQUE EN TEMPS REEL UTILISANT LE RETOUR D'EFFORT**
[72] BOLIN, JARED L., US
[72] EASLEY, SAMUEL J., US
[72] XU, LIANGJI, US
[73] THE BOEING COMPANY, US
[86] (2863768)
[87] (2863768)
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[25] EN
[54] **METHODS, SYSTEMS, AND DEVICES TO REDUCE AUDIO TRUNCATION DURING TRANSCODING**
[54] **PROCEDES, SYSTEMES ET DISPOSITIFS POUR REDUIRE LA TRONCATION AUDIO DURANT LE TRANSCODAGE**
[72] KAPOOR, ANUJ, US
[72] MCDONALD, DANIEL J., US
[72] NATARAHJAN, HARISH, US
[72] YANG, YUNHAI, US
[73] MOTOROLA SOLUTIONS, INC., US
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[87] (2864013)
[22] 2014-09-22
[30] US (14/056,719) 2013-10-17

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[54] **EVAPORATIVE COOLING SYSTEM AND DEVICE**
[54] **SYSTEME ET DISPOSITIF DE REFROIDISSEMENT PAR EVAPORATION**
[72] KALER, MICHAEL, JR., US
[73] MESTEK, INC., US
[85] 2014-08-20
[86] 2013-03-05 (PCT/US2013/029087)
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[25] EN
[54] **METHOD FOR OPERATING A COMBINED CYCLE POWER PLANT, AND COMBINED CYCLE POWER PLANT**
[54] **PROCEDE PERMETTANT DE FAIRE FONCTIONNER UNE CENTRALE ELECTRIQUE COMBINEE ET CENTRALE ELECTRIQUE COMBINEE**
[72] BEEKMANN, ALFRED, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-08-25
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[54] **POWER SOURCE FOR COMPLETION APPLICATIONS**
[54] **SOURCE D'ENERGIE DESTINEE A DES APPLICATIONS DE COMPLETION**
[72] TEODORESCU, SORIN G., US
[72] RING, LEV, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2014-08-28
[86] 2013-02-07 (PCT/US2013/025192)
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[54] **DAMPING MECHANICAL LINKAGE**
[54] **LIAISON MECANIQUE D'AMORTISSEMENT**
[72] WHITE, EDWARD V., US
[73] THE BOEING COMPANY, US
[85] 2014-09-05
[86] 2013-05-24 (PCT/US2013/042768)
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[25] EN
[54] **FLOW FORMED DRUM WITH A RETENTION RING AND A SUBSTANTIALLY BURR FREE TOOTH PROFILE**
[54] **TAMBOUR FLUOTOURNE A BAGUE DE RETENUE ET A PROFIL SENSIBLEMENT EXEMPT DE BARBES**
[72] CRIPSEY, TIMOTHY J., US
[72] HERSTON, ROBERT J., US
[73] METAL FORMING AND COINING CORPORATION, US
[86] (2866719)
[87] (2866719)
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[54] **KING PIN COUPLER**
[54] **COUPLEUR DE PIVOT D'ATTELAGE**
[72] POIRIER, BERTIN, CA
[73] PIVOT B. POIRIER INC., CA
[86] (2866730)
[87] (2866730)
[22] 2014-10-08
[30] CA (2,829,520) 2013-10-09

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[51] **Int.Cl. E21B 34/14 (2006.01) E21B 47/092 (2012.01) E21B 43/12 (2006.01)**
[25] EN
[54] **WELL TOOLS SELECTIVELY RESPONSIVE TO MAGNETIC PATTERNS**
[54] **OUTILS DE PUITS REPONDANT SELECTIVEMENT A DES COMBINAISONS MAGNETIQUES**
[72] KYLE, DONALD G., US
[72] MERRON, MATTHEW J., US
[72] FRIPP, MICHAEL L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-09-09
[86] 2013-03-08 (PCT/US2013/029762)
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[25] EN
[54] **CLIPBOARD**
[54] **TABLEAU A PINCE**
[72] PAULICK, JOHN F., US
[72] CALDWELL, JAMES J., US
[73] CLIPBOOK, LLC, US
[86] (2867247)
[87] (2867247)
[22] 2014-10-07
[30] US (62/007,919) 2014-06-04

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[51] **Int.Cl. B01J 8/04 (2006.01) C07C 7/12 (2006.01) C07C 5/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR RETAINING SOLID MATERIAL IN A RADIAL FLOW REACTOR AND METHOD OF MAKING**
[54] **APPAREIL DESTINE A RETENIR UN MATERIAU SOLIDE DANS UN REACTEUR A ECOULEMENT RADIAL ET PROCEDE DE FABRICATION**
[72] VETTER, MICHAEL J., US
[72] YUAN, QUAN, US
[72] SECHRIST, PAUL A., US
[73] UOP LLC, US
[85] 2014-09-15
[86] 2013-06-17 (PCT/US2013/046058)
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[54] **DEVICE FOR FOLDING THE WORKING PARTS OF AGRICULTURAL MACHINERY**
[54] **DISPOSITIF DE PLIAGE DE PIECES MOBILES DE MACHINES AGRICOLES**
[72] NYC, MICHAL, CZ
[72] JELINEK, JAKUB, CZ
[72] SMOLA, TOMAS, CZ
[73] FARMET A.S., CZ
[85] 2014-09-23
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[54] **CO SHIFT CONVERSION DEVICE AND SHIFT CONVERSION METHOD**
[54] **DISPOSITIF DE CONVERSION CATALYTIQUE DE CO ET PROCEDE DE CONVERSION CATALYTIQUE**
[72] OKADA, OSAMU, JP
[72] MORIMOTO, KAORI, JP
[72] ITO, CHIHIRO, JP
[73] RENAISSANCE ENERGY RESEARCH CORPORATION, JP
[85] 2014-10-02
[86] 2012-12-13 (PCT/JP2012/082323)
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[54] **ONE TURN ACTUATED DURATION SPRAY PUMP MECHANISM**
[54] **MECANISME DE POMPE DE PULVERISATION A DUREE D'ACTIONNEMENT SUR UN TOUR**
[72] BLAKE, WILLIAM SYDNEY, US
[73] ALTERNATIVE PACKAGING SOLUTIONS, LLC, US
[85] 2014-10-03
[86] 2012-04-05 (PCT/US2012/032294)
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[25] EN
[54] **ANTI-CAVITATION DEVICE**
[54] **DISPOSITIF ANTI-CAVITATION**
[72] NADEEM, MAHMOUD SHAKER, CA
[73] NADEEM, MAHMOUD SHAKER, CA
[86] (2870564)
[87] (2870564)
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[54] **SECONDARY BATTERY**
[54] **CELLULE SECONDAIRE**
[72] KUDOH, TAKUO, JP
[72] HIWADA, KIYOYASU, JP
[72] IZUMO, SHOZO, JP
[72] SAITO, TOMOKAZU, JP
[72] NAKAZAWA, AKIRA, JP
[73] KABUSHIKI KAISHA NIHON MICRONICS, JP
[73] GUALA TECHNOLOGY CO., LTD., JP
[85] 2014-10-17
[86] 2013-04-25 (PCT/JP2013/062179)
[87] (WO2013/161927)
[30] JP (PCT/JP2012/061359) 2012-04-27

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[51] Int.Cl. E21B 34/10 (2006.01) E21B 34/14 (2006.01)
[25] EN
[54] DELAYED ACTIVATION ACTIVATABLE STIMULATION ASSEMBLY
[54] ENSEMBLE DE STIMULATION POUVANT ETRE ACTIVE A ACTIVATION RETARDEE
[72] MERRON, MATTHEW JAMES, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-10-28
[86] 2013-04-03 (PCT/US2013/035122)
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[30] US (13/460,453) 2012-04-30

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[51] Int.Cl. H04M 11/04 (2006.01) H04W 4/14 (2009.01) G06Q 50/12 (2012.01) H04M 3/42 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR HANDLING INCOMING CALLS AT A HOTEL PRIVATE BRANCH EXCHANGE (PBX)
[54] METHODE ET APPAREIL DE TRAITEMENT D'APPELS ENTRANTS DANS UN STANDARD PRIVE (PBX) D'UN HOTEL
[72] MCCOMB, RUSSELL D., US
[72] ABNETT, CHRISTOPHER, US
[72] MACMILLAN, ANDREW T., US
[73] INNACLOUD TECHNOLOGIES LLC., US
[73] GUEST TEK INTERACTIVE ENTERTAINMENT LTD., CA
[86] (2872550)
[87] (2872550)
[22] 2014-11-27
[30] US (61/910,858) 2013-12-02
[30] US (61/952,088) 2014-03-12

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[13] C
[51] Int.Cl. B60R 11/02 (2006.01) H04W 80/00 (2009.01) H04B 1/08 (2006.01) H04B 7/24 (2006.01)
[25] EN
[54] VEHICLE ENTERTAINMENT TABLET UNIT AND CRADLE
[54] UNITE DE TABLETTE ET BERCEAU DE DIVERTISSEMENT DE VEHICULE
[72] TRANCHINA, JAMES R., US
[72] LAVELLE, PATRICK M., US
[72] FORD, RAYMOND, US
[73] VOXX INTERNATIONAL CORPORATION, US
[85] 2014-06-30
[86] 2012-12-20 (PCT/US2012/070883)
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[30] US (13/340,946) 2011-12-30

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[51] Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01)
[25] EN
[54] ELECTRONIC VAPOUR PROVISION DEVICE
[54] DISPOSITIF DE FOURNITURE DE VAPEUR ELECTRONIQUE
[72] LORD, CHRISTOPHER, GB
[73] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2014-11-05
[86] 2013-05-14 (PCT/EP2013/059954)
[87] (WO2013/171221)
[30] GB (1208352.3) 2012-05-14

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[13] C
[25] EN
[54] RADIO LINK MANAGEMENT FOR NETWORK ASSISTED DEVICE-TO-DEVICE COMMUNICATION
[54] GESTION DE LIAISON RADIO DE POUR LA COMMUNICATION DISPOSITIF A DISPOSITIF A ASSISTANCE RESEAU
[72] LINDOFF, BENGT, SE
[72] WILHELMSSON, LEIF, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2014-11-13
[86] 2013-05-03 (PCT/EP2013/059265)
[87] (WO2013/171078)
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[30] US (61/646,981) 2012-05-15

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[25] EN
[54] ELECTRIC VEHICLE CONTROL APPARATUS
[54] DISPOSITIF DE COMMANDE DE VEHICULE ELECTRIQUE
[72] KITANAKA, HIDETOSHI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2014-11-14
[86] 2012-06-07 (PCT/JP2012/064718)
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[13] C
[51] Int.Cl. G02F 1/1333 (2006.01) G02F 1/13357 (2006.01) B62J 6/00 (2006.01)
[25] EN
[54] LIQUID CRYSTAL DISPLAY DEVICE
[54] DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES
[72] TETSUKA, TAKASHI, JP
[72] KITAJIMA, TAKESHI, JP
[73] HONDA MOTOR CO., LTD., JP
[86] (2874299)
[87] (2874299)
[22] 2014-12-11
[30] JP (2013-273259) 2013-12-27

[11] 2,874,310
[13] C
[51] Int.Cl. E21B 19/06 (2006.01) E21B 19/10 (2006.01)
[25] EN
[54] TUBULAR GUIDING AND GRIPPING APPARATUS AND METHOD
[54] APPAREIL DE GUIDAGE ET DE SAISIE TUBULAIRE ET PROCEDE
[72] ANGELLE, JEREMY RICHARD, US
[72] MOSING, DONALD E., US
[72] THIBODEAUX, ROBERT, JR., US
[72] LAFLEUR, BLAINE STEPHEN, US
[72] STELLY, JOHN ERICK, US
[73] FRANK'S INTERNATIONAL, LLC, US
[86] (2874310)
[87] (2874310)
[22] 2010-04-30
[62] 2,800,567

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[25] EN
[54] **FORMULATIONS CONTAINING PARAFFINIC OIL AND ANTI-SETTLING AGENT**
[54] **FORMULATIONS CONTENANT DE L'HUILE DE PARAFFINE ET UN AGENT ANTI-DEPOT**
[72] FEFER, MICHAEL, CA
[72] LIU, JUN, CA
[72] RUO, TOMOKI, CA
[73] SUNCOR ENERGY INC., CA
[85] 2014-12-02
[86] 2012-06-29 (PCT/CA2012/050444)
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[25] EN
[54] **MANUFACTURING METHOD AND MANUFACTURING APPARATUS OF PRESS-FORMED BODY**
[54] **PROCEDE ET EQUIPEMENT POUR PRODUIRE UN ARTICLE PRESSE-MOULE**
[72] NISHIMURA, RYUICHI, JP
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] MASUO, YOSHIHIKO, JP
[72] SUZUKI, TOSHIYA, JP
[72] IKEDA, YOSHIYUKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **REGULATION PROPORTIONNELLE D'UNE AMENEE DE DEBIT D'AIR POUR UN COMPRESSEUR**
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[72] PETERS, MARK E., US
[73] ILLINOIS TOOL WORKS INC., US
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[54] **IMPLANTS CHIRURGICAUX, METHODES ASSOCIEES ET SYSTEMES**
[72] ARNAL, KEVIN R., US
[72] HAUSCHILD, SIDNEY F., US
[72] LUND, ROBERT E., US
[72] ROYCHOWDHURY, SURANJAN, US
[72] VANCELETTE, DAVID W., US
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[54] **EMPILEMENT DE ROULEMENTS POUR MOTEUR DE FORAGE DE FOND DE TROU**
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[73] CATHEDRAL ENERGY SERVICES LTD., CA
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[54] **PROCEDE ET COMPOSITE DESTINES A PREPARER DES ECHANGEURS THERMIQUES POUR DES ENVIRONNEMENTS CORROSIFS**
[72] HE, YOULIANG, CA
[72] LO, JASON SIN HIN, CA
[72] SANTOS, RAUL, CA
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[54] **DISTRIBUTION DE PRODUITS ALIMENTAIRES ET DE BOISSON**
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[73] MONDELEZ UK R&D LIMITED, GB
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[54] **SYSTEME ET METHODES PERMETTANT D'AMELIORER LA PRECISION DE RECONNAISSANCE DE LA PAROLE**
[72] FARMANER, GARY, CA
[72] DICARLANTONIO, RON, CA
[72] LEONARD, HUW, JP
[73] INAGO CORPORATION, CA
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[54] **TUYAU EN ACIER SOUDE PAR RESISTANCE ELECTRIQUE**
[72] SHINOHARA, YASUHIRO, JP
[72] NAGAI, KENSUKE, JP
[72] OZAKI, MASAKAZU, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **INDICATEUR DE FIN DE VIE POUR LAMPES**
[72] ITO, HEINZ W., US
[72] BODOCAN, DAN, CA
[72] MONTANA, SHAUN P., US
[73] LEDVANCE LLC, US
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[25] EN
[54] **SYSTEM AND METHOD FOR BROADCASTING INTERACTIVE CONTENT**
[54] **SYSTEME ET PROCEDE DE DIFFUSION DE CONTENU INTERACTIF**
[72] TREMBLAY, CARL, CA
[73] 9337-9899 QUEBEC INC., CA
[85] 2015-03-06
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[54] **ENHANCED INTERCONNECT FOR DOWNHOLE TOOLS**
[54] **INTERCONNEXION AMELIOREE POUR OUTILS DE FOND DE TROU**
[72] LIM, CHOON SIANG DANIEL, SG
[72] ANG, LAY WEI APPLE, SG
[72] PALANI, VINODH KUMAR, SG
[72] GUBUAN, AGUSTIN, III, SG
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **REDUCTION DE LA MAUVAISE DISTRIBUTION DANS DES TOURS DE SEPARATION**
[72] MOORKANIKKARA, SRINIVAS N., US
[72] GRAVE, EDWARD J., US
[72] CULLINANE, JOHN T., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **ELECTRODES DE SOUDAGE A L'ARC AU FIL FOURRE SOUS PROTECTION GAZEUSE, A FAIBLE TENEUR EN MANGANESE**
[72] FERREE, STANLEY E., US
[72] LAKE, FRANK B., US
[73] THE ESAB GROUP, INC., US
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[54] **LIGHTED SWITCH**
[54] **COMMUTATEUR ECLAIRE**
[72] ACKER, LARRY K., US
[72] JONES, ROBERT, US
[73] ADVANCED CONSERVATION TECHNOLOGY DISTRIBUTION, INC., US
[86] (2886524)
[87] (2886524)
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[54] **SACHET CONTENANT UN MEDICAMENT LIQUIDE**
[72] TROMBLEY, KURT FRANKLIN, US
[72] MORRISON, KELLY LYNN, US
[72] BURBRINK, DAVID EDWARD, US
[72] KOMNENOVICH, CHRISTOPHER MICHAEL, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **DRIVE SYSTEM FOR THE REEL OF A CROP HARVESTING HEADER**
[54] **MECANISME D'ENTRAINEMENT DE TAMBOUR D'UN ORGANE DE COUPE DE RECOLTE**
[72] REMILLARD, RHEAL, CA
[73] MACDON INDUSTRIES LTD., CA
[86] (2888545)
[87] (2888545)
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[25] EN
[54] **A MULTIMODE MULTICARRIER MODEM SYSTEM AND METHOD OF COMMUNICATION OVER THE SAME**
[54] **SYSTEME DE MODEM MULTIMODES MULTIPORTEUSES ET PROCEDE DE COMMUNICATION AU MOYEN DE CE DERNIER**
[72] HELLER, PETER N., US
[72] REITER, EDMUND C., US
[72] TZANNES, MICHAEL A., US
[73] INTEL CORPORATION, US
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[87] (2888575)
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[25] EN
[54] **ATTACHMENT MEANS, GASKET ARRANGEMENT AND ASSEMBLY**
[54] **MOYENS D'ATTACHEMENT, AGENCEMENT DE JOINT D'ETANCHEITE ET ENSEMBLE**
[72] HEDBERG, MAGNUS, SE
[72] NILSSON, JOHAN, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2015-04-17
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[25] EN
[54] **REMOTE BURNER MONITORING SYSTEM AND METHOD**
[54] **SYSTEME DE SURVEILLANCE DE BRULEUR A DISTANCE ET METHODE**
[72] IMMER, JEREMY GLEN, US
[72] ZHAO, YAN, US
[72] WARD, CHRISTOPHER ALAN, US
[72] HENDERSHOT, REED JACOB, US
[72] SLAVEJKOV, ALEKSANDAR GEORGI, US
[72] LEE, THOMAS DAVID MATTHEW, US
[72] GALLAGHER, MICHAEL J., US
[73] AIR PRODUCTS AND CHEMICALS, INC., US
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[25] EN
[54] **CLOSURE DEVICE FOR SURGE PRESSURE REDUCTION TOOL**
[54] **DISPOSITIF DE FERMETURE POUR OUTIL REDUCTEUR DE COUP DE BELIER**
[72] BUDDE, MARCEL, NL
[72] BAAS, MARK, NL
[72] PARRA MAYORGA, NORMAN VLADIMIR, NL
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2891003)
[87] (2891003)
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[54] **PAY-PER-SALE SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT THEREFOR**
[54] **SYSTEME ET PROCEDE DE PAIEMENT PAR VENTE ET PRODUIT PROGRAMME D'ORDINATEUR ASSOCIE**
[72] BERGER, JAMES FRANCIS, US
[72] LACIVITA, JACOB MICHAEL, US
[72] NGUYEN, JAMES THAI, US
[72] RAMANUJA, MEGHASHYAM GRAMA, US
[72] SWINSON, MICHAEL D., US
[72] TAIRA, THOMAS, US
[73] TRUECAR, INC., US
[85] 2015-05-19
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[30] US (61/745,191) 2012-12-21

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[51] **Int.Cl. H04J 1/00 (2006.01)**
[25] EN
[54] **GENERATING METHOD AND DEVICE, RECEIVING METHOD AND DEVICE FOR DUAL-FREQUENCY CONSTANT ENVELOPE SIGNAL WITH FOUR SPREADING SIGNALS**
[54] **PROCEDE ET DISPOSITIF POUR LA GENERATION D'UN SIGNAL A ENVELOPPE CONSTANTE, ET PROCEDE ET DISPOSITIF POUR LA RECEPTION DE SIGNAUX A ETALEMENT DU SPECTRE A QUATRE COMPOSANTES ET DEUX FREQUENCES**
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[72] LU, MINGQUAN, CN
[73] TSINGHUA UNIVERSITY, CN
[85] 2015-05-22
[86] 2013-11-22 (PCT/CN2013/087732)
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[51] **Int.Cl. H04N 19/00 (2014.01)**
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[54] **METHOD AND APPARATUS FOR EFFICIENT CODING OF DEPTH LOOKUP TABLE**
[54] **PROCEDE ET APPAREIL DE CODAGE EFFICACE DE TABLEAU DE CONSULTATION DE PROFONDEUR**
[72] ZHANG, KAI, CN
[72] AN, JICHENG, CN
[73] HFI INNOVATION INC., CN
[85] 2015-05-28
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[51] **Int.Cl. G01S 19/49 (2010.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUGMENTING A GNSS/INS NAVIGATION SYSTEM IN A CARGO PORT ENVIRONMENT**
[54] **SYSTEME ET METHODE DESTINES A AMELIORER UN SYSTEME DE NAVIGATION GNSS/INS DANS UN ENVIRONNEMENT DE PORTE DE CHARGEMENT**
[72] MORIN, KRISTIAN, CA
[73] HEXAGON TECHNOLOGY CENTER GMBH, CH
[86] (2893306)
[87] (2893306)
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[54] **CEILING CUTOUT COLLAR AND REMODEL LIGHT FIXTURE**
[54] **COLLIER POUR DECOUPE DE PLAFOND ET ACCESSOIRE DE REFACONNAGE DE LUMINAIRE**
[72] HIGHBRIDGE, DOUG, US
[73] RAB LIGHTING INC., US
[86] (2893316)
[87] (2893316)
[22] 2015-06-01
[30] US (62/006,511) 2014-06-02

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[25] EN
[54] **METHOD FOR PRODUCING FUEL CELL ELECTRODE SHEET**
[54] **FEUILLE D'ELECTRODE DE PILE A COMBUSTIBLE ET PROCEDE DE FABRICATION DE CELLE-CI**
[72] HORIBE, NORIFUMI, JP
[72] KUWATA, SHIGEMASA, JP
[72] KODAMA, KAZUFUMI, JP
[72] YAMAMOTO, MASAYA, JP
[73] NISSAN MOTOR CO., LTD., JP
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[86] 2013-11-15 (PCT/JP2013/080904)
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[25] EN
[54] **FIBEROPTIC SYSTEMS AND METHODS FOR FORMATION MONITORING**
[54] **SYSTEMES ET PROCEDES A FIBRE OPTIQUE POUR SURVEILLANCE DE FORMATION**
[72] DONDERICI, BURKAY, US
[72] SAMSON, ETIENNE M., US
[72] LEBLANC, MICHEL J., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **CONTROL VALVE**
[54] **VANNE DE COMMANDE**
[72] LEINO, TIMO, FI
[72] MUUTTONEN, TIMO, FI
[72] KOSKIMAKI, ANTTI, FI
[72] KOTALA, ARI, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
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[87] (2894292)
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[25] EN
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[54] **APPAREIL FLOTTANT ET PROCEDE DE FABRICATION DE CET APPAREIL**
[72] DARBE, ROBERT PHILLIP, US
[72] ROGERS, HENRY EUGENE, US
[72] JONES, PAUL JOSEPH, US
[72] ROWE, MISTY DAWN, US
[72] KARCHER, JEFFERY DWANE, US
[72] HELMS, LONNIE C., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **PORTION CAPSULE AND METHOD FOR PRODUCING A BEVERAGE BY MEANS OF A PORTION CAPSULE**
[54] **CAPSULE-DOSETTE ET PROCEDE DE FABRICATION D'UNE BOISSON A L'AIDE D'UNE CAPSULE-DOSETTE**
[72] EMPL, GUNTER, DE
[73] K-FEE SYSTEM GMBH, DE
[85] 2015-06-10
[86] 2013-11-26 (PCT/EP2013/074716)
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[30] DE (10 2012 223 291.5) 2012-12-14

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[25] EN
[54] **SYSTEMS AND METHODS OF POSITIVE INDICATION OF ACTUATION OF A DOWNHOLE TOOL**
[54] **SYSTEMES ET PROCEDES D'INDICATION POSITIVE D'ACTIONNEMENT D'UN OUTIL DE FOND DE PUITS**
[72] WALTON, ZACHARY W., US
[72] FRIPP, MICHAEL L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-17
[86] 2014-02-11 (PCT/US2014/015681)
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[30] US (13/770,349) 2013-02-19

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[25] FR
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[54] **PROCEDE DE DETECTION D'UNE FUITE D'UN JOINT DYNAMIQUE DANS UN ATTERRISSEUR D'AERONEF**
[72] STEEL, GRAEME, CA
[73] MESSIER-BUGATTI-DOWTY, FR
[86] (2895705)
[87] (2895705)
[22] 2015-06-25
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[51] **Int.Cl. H04L 29/06 (2006.01) H04W 4/10 (2009.01) G08B 13/196 (2006.01) H04W 84/08 (2009.01) H04W 88/04 (2009.01) H04W 92/02 (2009.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR RECEIVING A DATA STREAM DURING AN INCIDENT**
[54] **PROCEDE ET APPAREIL PERMETTANT DE RECEVOIR UN FLUX DE DONNEES DURANT UN INCIDENT**
[72] SCHULER, FRANCESCA, US
[72] CHEN, ETHAN Y., US
[72] REITSMA, KATRIN, US
[72] MAROCCHI, JAMES A., US
[72] WHITELOCK, LISA S., US
[73] MOTOROLA SOLUTIONS, INC., US
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[86] 2013-11-26 (PCT/US2013/071961)
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[30] US (13/731,622) 2012-12-31

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[25] EN
[54] **FORMATION OF SEMI-PERMEABLE POROUS ARTIFICIAL SCAB**
[54] **FORMATION D'UNE CROUTE ARTIFICIELLE POREUSE SEMI-PERMEABLE**
[72] VEGA VILLAVICENCIO, PARSIVAL, AR
[72] BATTISTA, MIGUEL EDGARDO, AR
[73] VEGA VILLAVICENCIO, PARSIVAL, AR
[73] BATTISTA, MIGUEL EDGARDO, AR
[85] 2015-06-25
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[30] AR (2012 0105043) 2012-12-27

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[54] **CONJUGUES CIBLES ENCAPSULES DANS DES PARTICULES ET FORMULATIONS CORRESPONDANTES**
[72] BILODEAU, MARK T., US
[72] KADIYALA, SUDHAKAR, US
[72] SHINDE, RAJESH R., US
[72] WHITE, BRIAN H., US
[72] WOOSTER, RICHARD, US
[72] BARDER, TIMOTHY EDWARD, US
[72] MOREAU, BENOIT, US
[73] TARVEDA THERAPEUTICS, INC., US
[85] 2015-05-26
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[30] US (61/746,866) 2012-12-28

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[25] EN
[54] **DYNAMIC FLUID GAS BLEEDER MANIFOLD**
[54] **COLLECTEUR DE PURGE DE GAZ DYNAMIQUE FLUIDE**
[72] MATTHEWS, KENNETH HEIDT, US
[72] VOS, ANDREW DAVID, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-06-29
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[25] EN
[54] **ANTI-TNF-ANTI-IL-17 BISPECIFIC ANTIBODIES**
[54] **ANTICORPS BISPECIFIQUES ANTI-TNF-ANTI-IL-17**
[72] ALLAN, BARRETT, US
[72] GLASEBROOK, ANDREW LAWRENCE, US
[72] LEUNG, DONMIENNE DOEN MUN, US
[72] LU, JIRONG, US
[72] TANG, YING, US
[72] VENDEL, ANDREW CHARLES, US
[72] WITCHER, DERRICK RYAN, US
[72] YACHI, PIA PAULIINA, US
[73] ELI LILLY AND COMPANY, US
[85] 2015-06-29
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[51] **Int.Cl. H04N 19/597 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROCESSING VIDEO SIGNAL**
[54] **PROCEDE ET APPAREIL POUR TRAITER UN SIGNAL VIDEO**
[72] HEO, JIN, KR
[72] JUNG, JIWOOK, KR
[72] YEA, SEHOON, KR
[72] KOO, MOONMO, KR
[72] KIM, TAESUP, KR
[72] SUNG, JAEWON, KR
[72] SON, EUNYONG, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-07-06
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[25] EN
[54] **METHOD FOR PRODUCING GRAIN-ORIENTED ELECTRICAL STEEL SHEET WITH LOW IRON LOSS**
[54] **PROCEDE DE PRODUCTION DE TOLE D'ACIER MAGNETIQUE A GRAINS ORIENTES PRESENTANT UNE FAIBLE PERTE DANS LE FER**
[72] WATANABE, MAKOTO, JP
[72] IMAMURA, TAKESHI, JP
[72] SUEHIRO, RYUICHI, JP
[72] TAKAMIYA, TOSHITO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2015-07-08
[86] 2014-02-12 (PCT/JP2014/053158)
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[51] **Int.Cl. H01M 10/48 (2006.01) H01M 10/44 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ESTIMATING POWER STORAGE DEVICE ELECTRIC ENERGY**
[54] **APPAREIL ET METHODE D'ESTIMATION DE L'ENERGIE ELECTRIQUE D'UN DISPOSITIF DE STOCKAGE D'ELECTRICITE**
[72] OKADA, YURUKI, JP
[72] SHIRAGA, SHO, JP
[72] WADA, TOSHIHIRO, JP
[72] YOSHIOKA, SHOJI, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2015-07-09
[86] 2013-03-18 (PCT/JP2013/057717)
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[25] FR
[54] **FUSIBLE MEMBER INTENDED TO JOIN TWO YOKES TO FORM A HINGE**
[54] **ORGANE FUSIBLE DESTINE A REUNIR DEUX CHAPES POUR FORMER UNE ARTICULATION**
[72] ANTONI, NICOLAS, FR
[73] MESSIER-BUGATTI-DOWTY, FR
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[54] **COMPOSITIONS FOR SELECTIVE REDUCTION OF CIRCULATING BIOACTIVE SOLUBLE TNF AND METHODS FOR TREATING TNF-MEDIATED DISEASE**
[54] **COMPOSITIONS POUR LA REDUCTION SELECTIVE DE TNF SOLUBLE BIOACTIF EN CIRCULATION ET METHODES DE TRAITEMENT D'UNE MALADIE A MEDIATION PAR TNF**
[72] GOLDSTEIN, GIDEON, US
[73] THYMON, LLC, US
[85] 2015-07-15
[86] 2014-01-23 (PCT/US2014/012686)
[87] (WO2014/123696)
[30] US (61/756,571) 2013-01-25
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[51] **Int.Cl. G09F 19/12 (2006.01) A47F 3/00 (2006.01) G09F 23/06 (2006.01)**
[25] EN
[54] **TRANSPARENT DISPLAY DEVICE**
[54] **DISPOSITIF D'AFFICHAGE TRANSPARENT**
[72] PARK, JONGMIN, KR
[72] AN, JAEHO, KR
[72] KIM, HYEONJUN, KR
[73] LG ELECTRONICS INC., KR
[85] 2015-08-04
[86] 2015-02-06 (PCT/KR2015/001235)
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[25] EN
[54] **MONITOR AND CONTROL OF DIRECTIONAL DRILLING OPERATIONS AND SIMULATIONS**
[54] **SURVEILLANCE ET COMMANDE D'OPERATIONS ET SIMULATION DE FORAGE DIRECTIONNEL**
[72] SNYDER, JOHN KENNETH, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-07-30
[86] 2014-02-28 (PCT/US2014/019425)
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[51] **Int.Cl. F16H 7/12 (2006.01) F16H 7/08 (2006.01)**
[25] EN
[54] **TENSION ADJUSTMENT DEVICE**
[54] **DISPOSITIF DE REGLAGE DE TENSION**
[72] HAO, MINCHUN, CN
[72] FU, HONGLIANG, CN
[72] ZHOU, HUABIN, CN
[73] GATES CORPORATION, US
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[86] 2014-01-28 (PCT/CN2014/071653)
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[25] EN
[54] **PORTABLE RADIO HAVING ACCESSORY INTERFACE**
[54] **RADIO PORTATIVE DOTEE D'UNE INTERFACE POUR ACCESSOIRES**
[72] KANG, CHUL MIN, US
[72] GARRA, LANTING L., US
[72] SIDDOWAY, CRAIG F., US
[73] MOTOROLA SOLUTIONS, INC., US
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[86] 2014-02-17 (PCT/US2014/016674)
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[25] EN
[54] **SLING PROTECTION PAD**
[54] **COUSSIN DE PROTECTION D'ELINGUE**
[72] BABINCHAK, GREGORY S., US
[73] LIFT-ALL COMPANY, INC., US
[86] (2900438)
[87] (2900438)
[22] 2015-08-14
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[25] EN
[54] **SYNTHETIC RESIN BOTTLE**
[54] **BOUTEILLE EN RESINE SYNTHETIQUE**
[72] TANAKA, TOSHIMASA, JP
[73] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2015-08-06
[86] 2013-12-17 (PCT/JP2013/007414)
[87] (WO2014/132313)
[30] JP (2013-040000) 2013-02-28

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[25] EN
[54] **APPARATUS FOR MOORING FLOATER USING SUBMERGED PONTOON**
[54] **DISPOSITIF D'AMARRAGE COMPORTANT UN PONT FLOTTANT SUBMERGE**
[72] JARNG, TONY YOUNGJOO, KR
[73] JARNG, TONY YOUNGJOO, KR
[73] HAESEUNG HITEC CO., LTD., KR
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[51] **Int.Cl. F03D 80/40 (2016.01) F03D 1/06 (2006.01) F03D 7/04 (2006.01)**
[25] EN
[54] **BLADE HEATING SYSTEM AND METHOD OF OPERATING THEREOF IN A WIND TURBINE**
[54] **DISPOSITIF DE CHAUFFAGE DE PALE ET METHODE D'UTILISATION POUR UNE EOLIENNE**
[72] HILLING, CHRISTOPH, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-08-13
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[51] **Int.Cl. B21D 22/26 (2006.01) B21D 22/20 (2006.01) B21D 24/00 (2006.01)**
[25] EN
[54] **MANUFACTURING METHOD OF PRESS-FORMED MEMBER AND PRESS FORMING APPARATUS**
[54] **PROCEDE DE PRODUCTION POUR ELEMENT MOULE PAR PRESSAGE ET DISPOSITIF DE MOULAGE PAR PRESSAGE**
[72] NISHIMURA, RYUICHI, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] OTSUKA, KENICHIRO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-08-18
[86] 2014-03-20 (PCT/JP2014/057846)
[87] (WO2014/148618)
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[51] **Int.Cl. D21F 13/00 (2006.01) D21H 27/00 (2006.01)**
[25] EN
[54] **METHOD OF PRODUCING ABSORBENT SHEET WITH INCREASED WET/DRY CD TENSILE RATIO**
[54] **PROCEDE DE PRODUCTION D'UNE FEUILLE ABSORBANTE AYANT UN RAPPORT ACCRU DE RESISTANCE A LA RUPTURE PAR TRACTION DANS LE SENS TRANSVERSAL DE LA MACHINE A L'ETAT HUMIDE/SEC**
[72] KOKKO, BRUCE J., US
[72] EDWARDS, STEVEN L., US
[73] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[86] (2901855)
[87] (2901855)
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[62] 2,665,082
[30] US (60/850,681) 2006-10-10
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[51] **Int.Cl. G06Q 20/40 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR EXTENDING IDENTITY ATTRIBUTES AND AUTHENTICATION FACTORS IN AN EPAYMENT ADDRESS REGISTRY**
[54] **SYSTEMES ET PROCEDES D'EXTENSION DES ATTRIBUTS D'IDENTITE ET DES FACTEURS D'AUTHENTIFICATION DANS UN REGISTRE D'ADRESSES DE PAIEMENT ELECTRONIQUE**
[72] O'BRIEN, RICHARD J., US
[72] GALLANT, ANDREW, US
[73] INTERCONTINENTAL EXCHANGE HOLDINGS, INC., US
[85] 2015-08-25
[86] 2014-03-14 (PCT/US2014/027492)
[87] (WO2014/152576)
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[13] C
[51] **Int.Cl. H04L 29/08 (2006.01) G08B 25/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROPAGATING PUBLIC SAFETY MULTICAST AND BROADCAST SERVICES AMONG PUBLIC SAFETY PERSONNEL**
[54] **PROCEDE ET APPAREIL POUR PROPAGER DES SERVICES DE MULTIDIFFUSION ET DE DIFFUSION GENERALE DE SECURITE PUBLIQUE PARMI LE PERSONNEL DE SECURITE PUBLIQUE**
[72] PANDEY, APARNA, US
[72] BEKIARES, TYRONE D., US
[72] BHANDIWAD, HARISH, US
[72] EKL, RANDY L., US
[72] TINE, STEVEN D., US
[72] ZIOLKO, RYAN P., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2015-08-26
[86] 2014-03-04 (PCT/US2014/020102)
[87] (WO2014/164040)
[30] US (13/794,967) 2013-03-12

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[13] C
[51] **Int.Cl. B65G 69/00 (2006.01)**
[25] EN
[54] **TRACK-MOUNTED WHEEL RESTRAINT SYSTEMS**
[54] **SYSTEMES DE RETENUE DE ROUE MONTEE SUR CHENILLE**
[72] BROOKS, ANDREW, US
[72] WIEBERDINK, BENJAMIN, US
[72] STONE, BRADLEY J., US
[72] HAHN, NORBERT, US
[72] FLEISCHMAN, STEVE, US
[72] COTTON, TIMOTHY, US
[73] RITE-HITE HOLDING CORPORATION, US
[85] 2015-08-27
[86] 2014-03-03 (PCT/US2014/019825)
[87] (WO2014/137874)
[30] US (13/785,978) 2013-03-05

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[13] C
[51] **Int.Cl. A61F 13/49 (2006.01) A61F 13/496 (2006.01) A61F 13/64 (2006.01)**
[25] EN
[54] **DISPOSABLE ABSORBENT ARTICLES**
[54] **ARTICLES ABSORBANTS JETABLES**
[72] HASSE, MARGARET HENDERSON, US
[72] MAGEE, LUKE ROBINSON, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-09-02
[86] 2014-03-21 (PCT/US2014/031385)
[87] (WO2014/153485)
[30] US (61/804,271) 2013-03-22

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[13] C
[51] **Int.Cl. B60K 6/485 (2007.10) B60K 6/24 (2007.10) B60K 6/26 (2007.10)**
[25] EN
[54] **INTERNAL COMBUSTION ENGINE COMPRISING AN ELECTRIC DRIVE ON THE CRANKSHAFT**
[54] **MOTEUR A COMBUSTION INTERNE AVEC ENTRAINEMENT ELECTRIQUE SUR LE VILEBREQUIN**
[72] WOLLENBERG, JOHANNES, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-09-03
[86] 2013-03-05 (PCT/EP2013/054403)
[87] (WO2014/135199)

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[13] C
[51] **Int.Cl. E21B 33/08 (2006.01) E21B 21/02 (2006.01)**
[25] EN
[54] **DRILL WASH DEVICE WITH PRE-MOUNTED EXCHANGE INSERT**
[54] **DISPOSITIF DE LESSIVAGE DE TREPAN DOTE D'UNE INSERTION D'ECHANGE PRE INSTALLEE**
[72] GLAWION, MICHAEL, DE
[72] LANG, KLAUS, DE
[72] HOFMANN, JENS, DE
[72] JOHANNES, ROLF, DE
[73] EAGLEBURGMANN GERMANY GMBH & CO. KG, DE
[86] (2904697)
[87] (2904697)
[22] 2015-09-16
[30] DE (102014221043.7) 2014-10-16

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[51] **Int.Cl. A43B 3/00 (2006.01)**
[25] EN
[54] **PROTECTIVE COVER FOR AN ARTICLE OF FOOTWEAR**
[54] **COUVERCLE PROTECTEUR POUR UN ARTICLE DE CHAUSSURE**
[72] FISCHER, THOMAS W., US
[72] SEIBERT, MICHAEL JOHN, US
[72] HAYS, CULLEN W., US
[73] FI-BER SPORTS, INC., US
[86] (2904844)
[87] (2904844)
[22] 2015-09-18
[30] US (14/494,100) 2014-09-23

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[13] C
[51] **Int.Cl. B21D 22/21 (2006.01) B21D 22/28 (2006.01)**
[25] EN
[54] **FORMED MATERIAL MANUFACTURING METHOD**
[54] **PROCEDE DE FABRICATION DE MATERIAU FORME**
[72] NAKAMURA, NAOFUMI, JP
[72] YAMAMOTO, YUDAI, JP
[72] NISHIO, KATSUHIDE, JP
[73] NISSHIN STEEL CO., LTD., JP
[85] 2015-09-18
[86] 2014-11-07 (PCT/JP2014/079527)
[87] (2904860)
[30] JP (2014-102968) 2014-05-19
[30] JP (2014-180047) 2014-09-04

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[51] **Int.Cl. G01L 5/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING AND REMOVING ROTATIONAL VARIABILITY FROM A NIP PRESSURE PROFILE OF A COVERED ROLL OF A NIP PRESS**
[54] **PROCEDE ET APPAREIL POUR MESURER ET ELIMINER LA VARIABILITE DE ROTATION D'UN PROFIL DE PRESSION DE CONTACT D'UN ROULEAU COUVERT D'UNE PRESSE A VIS**
[72] FIGIEL, KERRY D., US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 2015-09-09
[86] 2014-02-13 (PCT/US2014/016228)
[87] (WO2014/163775)
[30] US (13/792,859) 2013-03-11

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[13] C
[51] **Int.Cl. B01D 53/68 (2006.01) B01D 53/38 (2006.01) B01D 53/64 (2006.01)**
[25] EN
[54] **PROCESS FOR DECREASING CONTENT OF A HARMFUL SUBSTANCE OF AN OFF-GAS STREAM FORMED OR USED IN A THERMAL TREATMENT OF A MATERIAL**
[54] **PROCEDE DE DIMINUTION DE LA TENEUR D'UNE SUBSTANCE NUISIBLE D'UN FLUX DE GAZ RESIDUEL FORME OU UTILISE DANS UN TRAITEMENT THERMIQUE D'UN MATERIAU**
[72] ROHLOFF, KATHRIN, DE
[72] STENDER, TIMO, DE
[73] THYSSENKRUPP AG, DE
[73] THYSSENKRUPP INDUSTRIAL SOLUTIONS AG, DE
[86] (2905477)
[87] (2905477)
[22] 2015-09-24
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[25] EN
[54] **HEAT PIPE ASSEMBLY WITH BONDED FINS ON THE BASEPLATE HYBRID**
[54] **DISPOSITIF DE TUYAU DE CHAUFFAGE DOTE D'AILETTES LIEES SUR LA PLAQUE DE BASE HYBRIDE**
[72] ZAGHLOL, AHMED, CA
[73] MERSEN CANADA TORONTO INC., CA
[86] (2907056)
[87] (2907056)
[22] 2015-10-05
[30] US (62/061,311) 2014-10-08
[30] US (14/872,259) 2015-10-01

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[13] C
[51] **Int.Cl. A61M 1/02 (2006.01)**
[25] EN
[54] **AGGREGATE-REMOVING FILTER MATERIAL, AGGREGATE REMOVAL METHOD, WHITE BLOOD CELL-REMOVING FILTER, AND BLOOD PRODUCT FILTERING METHOD**
[54] **MATIERE DE FILTRE D'ELIMINATION D'AGREGAT, PROCEDE D'ELIMINATION D'AGREGAT, FILTRE D'ELIMINATION DE GLOBULE BLANC ET PROCEDE DE FILTRATION DE PRODUIT SANGUIN**
[72] ASAKAWA, MASAFUMI, JP
[73] ASAHI KASEI MEDICAL CO., LTD., JP
[85] 2015-09-16
[86] 2014-03-18 (PCT/JP2014/057381)
[87] (WO2014/148504)
[30] JP (2013-055138) 2013-03-18

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[13] C
[51] **Int.Cl. A45D 6/04 (2006.01) A45D 20/52 (2006.01)**
[25] FR
[54] **HAIR-DRESSING DEVICE**
[54] **DISPOSITIF DE COIFFURE**
[72] SMAL, OLIVIER, BE
[73] BABYLISS FACO SPRL, BE
[85] 2015-09-21
[86] 2014-01-15 (PCT/EP2014/050737)
[87] (WO2014/060611)
[30] EP (13174253.8) 2013-06-28

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[13] C
[51] **Int.Cl. A47G 23/00 (2006.01)**
[25] EN
[54] **SIMPLE HOLDER**
[54] **SUPPORT SIMPLE**
[72] LEUNG, ON SHUI, HK
[73] LEUNG, ON SHUI, HK
[86] (2907997)
[87] (2907997)
[22] 2015-10-08
[30] HK (14110724.6) 2014-10-27

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[13] C
[51] **Int.Cl. H01M 8/1004 (2016.01) H01M 8/1097 (2016.01)**
[25] EN
[54] **METHOD OF MANUFACTURING UNIT FUEL CELL**
[54] **PROCEDE DE FABRICATION DE PILE A COMBUSTIBLE UNITAIRE**
[72] KAWASUMI, AKITO, JP
[72] IKEDA, KOTARO, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2908287)
[87] (2908287)
[22] 2015-10-07
[30] JP (2014-207304) 2014-10-08

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[51] **Int.Cl. C22B 11/00 (2006.01) C22B 3/04 (2006.01) C22B 3/24 (2006.01)**
[25] EN
[54] **METHOD OF RECOVERING GOLD FROM SULFIDE ORE**
[54] **PROCEDE DE RECUPERATION D'OR A PARTIR DE MINERAI DE SULFURE**
[72] HATANO, KAZUHIRO, JP
[72] KATSUKAWA, KOJI, JP
[72] SANO, MASAKI, JP
[73] JX NIPPON MINING & METALS CORPORATION, JP
[85] 2015-09-28
[86] 2014-02-12 (PCT/JP2014/053193)
[87] (WO2014/156350)
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[25] EN
[54] **NON-HYDRAULIC FRACTURING AND COLD FOAM PROPPANT DELIVERY SYSTEMS, METHODS, AND PROCESSES**
[54] **SYSTEMES, PROCEDES ET PROCESSUS DE FRACTURATION NON-HYDRAULIQUE ET DE DISTRIBUTION D'AGENT DE SOUTENEMENT A MOUSSE FROIDE**
[72] VANDOR, DAVID, US
[73] EXPANSION ENERGY, LLC, US
[85] 2015-10-02
[86] 2014-03-25 (PCT/US2014/031679)
[87] (WO2014/168751)
[30] US (13/858,780) 2013-04-08

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[25] EN
[54] **MULTI-LAYERED COMPACTS WITH ROTATING TIERS**
[54] **BOITIERS COMPACTS MULTICOUCHES SUPERPOSES ROTATIFS**
[72] BUETI, GIROLAMA, US
[72] STOCKMAL, JASON, US
[73] ELC MANAGEMENT LLC, US
[85] 2015-10-02
[86] 2014-04-02 (PCT/US2014/032652)
[87] (WO2014/176010)
[30] US (13/870,162) 2013-04-25

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[25] EN
[54] **CLAMPING SYSTEM FOR SEVEN-FOLD CUTTING**
[54] **SYSTEME DE SERRAGE POUR LA COUPE DE SEPT PROFILES**
[72] RATTUNDE, ULRICH, DE
[73] RATTUNDE & CO GMBH, DE
[85] 2015-10-07
[86] 2014-03-25 (PCT/EP2014/056005)
[87] (WO2014/16[illegible]37)
[30] DE (10 2013 103 486.1) 2013-04-08

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[51] **Int.Cl. E05F 15/60 (2015.01) E05F 15/665 (2015.01)**
[25] EN
[54] **MAGNETIC LEVITATION SYSTEM FOR DOORS AND WINDOWS**
[54] **SYSTEME DE LEVITATION MAGNETIQUE POUR PORTES ET FENETRES**
[72] BRANCO TEIXEIRA, RUI FERNANDO, PT
[72] CARVALHO DA ROCHA, CARLA SOFIA, PT
[72] MENDEZ, SENEN LANCEROS, PT
[72] GOMES CORREIA, VITOR MANUEL, PT
[73] HIPERJANELAS LDA, PT
[73] HIPERJANELAS LDA, PT
[85] 2015-10-07
[86] 2014-05-06 (PCT/PT2014/000024)
[87] (WO2014/182186)
[30] PT (106928) 2013-05-06

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[51] **Int.Cl. E01D 19/00 (2006.01)**
[25] EN
[54] **MODULAR TOP SHIELD FOR SUPPORT COLUMN**
[54] **PROTECTEUR SUPERIEUR MODULAIRE POUR COLONNE DE SUPPORT**
[72] HABODASZ, ANTHONY P., US
[73] HABODASZ, ANTHONY P., US
[86] (2909327)
[87] (2909327)
[22] 2015-10-16
[30] US (62/065,248) 2014-10-17

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[13] C
[51] **Int.Cl. E21B 23/04 (2006.01) E21B 23/06 (2006.01)**
[25] EN
[54] **DOWNHOLE APPARATUS**
[54] **APPAREIL DE FOND DE PUITS**
[72] MACLEOD, IAIN MORRISON, GB
[72] FRASER, ANDREW, GB
[72] ELRICK, ANDREW JOHN, GB
[73] ISLE TOOLS LIMITED, GB
[85] 2015-10-13
[86] 2014-04-09 (PCT/GB2014/051112)
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[30] GB (1306838.2) 2013-04-15

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[51] **Int.Cl. H05K 1/02 (2006.01) A61B 5/00 (2006.01) H05K 1/11 (2006.01)**
[25] EN
[54] **CONFORMAL ELECTRONICS INCLUDING NESTED SERPENTINE INTERCONNECTS**
[54] **ELECTRONIQUE CONFORMATIONNELLE COMPRENANT UNE IMBRICATION D'INTERCONNECTEURS EN SERPENTINS**
[72] WORK, JOHN, US
[72] DOWLING, KEVIN J., US
[72] HSU, YUNG-YU, US
[73] MC10, INC., US
[85] 2015-10-26
[86] 2014-05-14 (PCT/US2014/038002)
[87] (WO2014/186467)
[30] US (61/823,357) 2013-05-14
[30] US (14/276,413) 2014-05-13

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[51] **Int.Cl. G02F 1/1345 (2006.01)**
[25] EN
[54] **ADAPTIVE - OPTICS LIQUID - CRYSTAL ARRAY DEVICE HAVING MEANDER RESISTORS**
[54] **DISPOSITIF A MATRICE A CRISTAUX LIQUIDES A OPTIQUE ADAPTATIVE AYANT DES RESISTANCES FORMEES EN GRECQUE**
[72] COLLINS, STEVEN R., US
[73] RAYTHEON COMPANY, US
[85] 2015-10-23
[86] 2013-05-24 (PCT/US2013/042638)
[87] (WO2014/189522)

[11] **2,910,762**
[13] C
[51] **Int.Cl. E21B 47/07 (2012.01) G01J 5/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR TEMPERATURE DETECTION AND MEASUREMENT USING INTEGRATED COMPUTATIONAL ELEMENTS**
[54] **DISPOSITIF ET PROCEDE POUR DETECTER ET MESURER LA TEMPERATURE A L'AIDE D'ELEMENTS INFORMATIQUES INTEGRES**
[72] TEALE, DAVID WARREN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-10-28
[86] 2013-06-20 (PCT/US2013/046883)
[87] (WO2014/204473)

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[51] **Int.Cl. F16D 51/20 (2006.01) F16D 65/08 (2006.01) F16D 65/09 (2006.01)**
[25] EN
[54] **HINGED TABLE BRAKE SHOE**
[54] **SEGMENT DE FREIN DE PLATEAU ARTICULE**
[72] PLANTAN, RONALD S., US
[73] BENDIX SPICER FOUNDATION BRAKE LLC, US
[85] 2015-10-29
[86] 2014-05-28 (PCT/US2014/039716)
[87] (WO2014/193914)
[30] US (13/904,323) 2013-05-29

[11] **2,912,560**
[13] C
[51] **Int.Cl. B41J 2/175 (2006.01)**
[25] EN
[54] **CARTRIDGE, PRINTING MATERIAL SUPPLY SYSTEM, PRINTING APPARATUS, LIQUID ACCOMMODATION CONTAINER, A PRINTING SYSTEM, AND A TERMINAL CONNECTION STRUCTURE**
[54] **CARTOUCHE, SYSTEME D'ALIMENTATION EN MATERIAU D'IMPRESSION, APPAREIL D'IMPRESSION, CONTENANT POUVANT RECEVOIR UN LIQUIDE, SYSTEME D'IMPRESSION ET STRUCTURE DE RACCORDEMENT DE BORNES**
[72] AOKI, YUJI, JP
[72] SATOH, HIROSHI, JP
[73] SEIKO EPSON CORPORATION, JP
[86] (2912560)
[87] (2912560)
[22] 2013-01-10
[62] 2,806,674
[30] JP (2012-005347) 2012-01-13
[30] JP (2012-013238) 2012-01-25
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[25] EN
[54] **FEMALE OPTICAL RECEIVING DEVICE AND METHOD**
[54] **DISPOSITIF RECEPTEUR OPTIQUE FEMELLE ET METHODE**
[72] BELLEVILLE, CLAUDE, CA
[72] LALANCETTE, SEBASTIEN, CA
[72] PROULX, ALAIN, CA
[73] OPSENS INC., CA
[86] (2912907)
[87] (2912907)
[22] 2012-08-30
[62] 2,848,728
[30] US (61/529,029) 2011-08-30

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[51] **Int.Cl. F25B 1/00 (2006.01) H02M 7/48 (2007.01)**
[25] EN
[54] **HEAT PUMP DEVICE, AND AIR CONDITIONER, HEAT PUMP WATER HEATER, REFRIGERATOR, AND FREEZING MACHINE INCLUDING HEAT PUMP DEVICE**
[54] **DISPOSITIF DE POMPE A CHALEUR, ET CLIMATISEUR, CHAUFFE-EAU A POMPE A CHALEUR, REFRIGERATEUR, ET CONGELATEUR LE COMPRENANT**
[72] HATAKEYAMA, KAZUNORI, JP
[72] KAMIYA, SHOTA, JP
[72] YUASA, KENTA, JP
[72] MATSUSHITA, SHINYA, JP
[72] KUSUBE, SHINSAKU, JP
[73] MITSUBISHI ELECTRIC CORPORATION, JP
[85] 2015-11-19
[86] 2013-05-23 (PCT/JP2013/064399)
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[51] **Int.Cl. B09B 5/00 (2006.01) B09C 1/00 (2006.01) C01F 11/46 (2006.01) C02F 11/00 (2006.01)**
[25] EN
[54] **DEBRIS PROCESSING COMPOSITION AND DEBRIS PROCESSING METHOD**
[54] **COMPOSITION DE TRAITEMENT DE DEBRIS ET PROCEDE DE TRAITEMENT DE DEBRIS**
[72] YAMAGUCHI, MASATO, JP
[72] SUGANO, KENICHI, JP
[72] MIURA, SHINICHI, JP
[72] ICHINO, YUSUKE, JP
[73] YOSHINO GYPSUM CO., LTD., JP
[85] 2015-11-25
[86] 2014-03-13 (PCT/JP2014/056775)
[87] (WO2014/192366)
[30] JP (2013-115521) 2013-05-31

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[13] C
[51] **Int.Cl. E05F 3/10 (2006.01)**
[25] EN
[54] **DOOR CLOSER FOR A LEAF OF A DOOR OR WINDOW**
[54] **FERME- PORTE POUR BATTANT DE PORTE OU FENETRE**
[72] WORNER, BENJAMIN, DE
[73] GEZE GMBH, DE
[85] 2015-12-04
[86] 2014-06-06 (PCT/EP2014/061833)
[87] (WO2014/195463)
[30] DE (102013210515.0) 2013-06-06
[30] DE (102013210516.9) 2013-06-06

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[13] C
[51] **Int.Cl. F27B 7/14 (2006.01) B01F 9/02 (2006.01) B01F 9/08 (2006.01)**
[25] EN
[54] **ANTI-SEGREGATION MIXER**
[54] **MELANGEUR ANTI-SEGREGATION**
[72] TAYLOR, WESLEY ADAM, AU
[72] HAYWOOD, ROSS JEFFREY, AU
[73] HATCH PTY LTD, AU
[85] 2015-12-16
[86] 2014-06-20 (PCT/AU2014/000642)
[87] (WO2014/201508)
[30] AU (2013902247) 2013-06-20

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[13] C
[51] **Int.Cl. C21B 13/02 (2006.01) C01B 3/02 (2006.01) C01B 3/34 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING IRON OXIDE TO METALLIC IRON USING NATURAL GAS**
[54] **SYSTEME ET METHODE DE REDUCTION D'OXYDE DE FER EN FER METALLIQUE AU MOYEN DE GAZ NATUREL**
[72] METIUS, GARY E., US
[72] MCCLELLAND, JAMES M., JR., US
[72] MEISSNER, DAVID C., US
[72] MONTAGUE, STEPHEN C., US
[73] MIDREX TECHNOLOGIES, INC., US
[85] 2015-12-15
[86] 2013-11-05 (PCT/US2013/068404)
[87] (WO2015/016956)
[30] US (13/955,654) 2013-07-31
[30] US (14/069,493) 2013-11-01

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[13] C
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/4025 (2006.01) A61K 31/403 (2006.01) A61K 31/5377 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **NOVEL SALT OF 3-[(3-{[4-(4-MORPHOLINYLMETHYL)-1H-PYRROL-2-YL]METHYLENE}-2-OXO-2,3-DIHYDRO-1H-INDOL-5-YL)METHYL]-1,3-THIAZOLIDINE-2,4-DIONE, PREPARATION THEREOF AND FORMULATIONS CONTAINING SAME**
[54] **NOUVEAU SEL DE LA 3-[(3-{[4-(4-MORPHOLINYLMETHYL)-1H-PYRROL-2-YL]METHYLENE}-2-OXO-2,3-DIHYDRO-1H-INDOL-5-YL)METHYL]-1,3-THIAZOLIDINE-2,4-DIONE, SA PREPARATION, ET LES FORMULATIONSQUI LE CONTIENNENT**
[72] LE FLOHIC, ALEXANDRE, FR
[72] GUIDOTTI, JEROME, FR
[72] LETELLIER, PHILIPPE, FR
[73] LES LABORATOIRES SERVIER, FR
[85] 2015-12-21
[86] 2014-07-11 (PCT/FR2014/051783)
[87] (WO2015/004395)
[30] FR (13/56870) 2013-07-12

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[13] C
[51] **Int.Cl. B26D 1/60 (2006.01)**
[25] EN
[54] **TRANSVERSE CUTTING OF A MOVING FOOD PRODUCT**
[54] **DECOUPE TRANSVERSALE D'UN PRODUIT ALIMENTAIRE EN MOUVEMENT**
[72] MUELLER, RALF, DE
[72] IHLER, ALFRED, DE
[72] VOGEL, THOMAS, DE
[73] HOCHLAND SE, DE
[86] (2916482)
[87] (2916482)
[22] 2015-12-30
[30] DE (10 2014 119 707.0) 2014-12-30

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[13] C
[51] **Int.Cl. E21B 43/24 (2006.01)**
[25] EN
[54] **ELECTROMAGNETIC ASSISTED CERAMIC MATERIALS FOR HEAVY OIL RECOVERY AND IN-SITU STEAM GENERATION**
[54] **MATERIAUX CERAMIQUES ASSISTES PAR ENERGIE ELECTROMAGNETIQUE POUR UNE RECUPERATION DE PETROLE LOURD ET UNE PRODUCTION DE VAPEUR IN SITU**
[72] BATARSEH, SAMEEH ISSA, SA
[73] SAUDI ARABIAN OIL COMPANY, SA
[85] 2016-01-11
[86] 2014-07-16 (PCT/US2014/046831)
[87] (WO2015/009813)
[30] US (61/847,681) 2013-07-18
[30] US (14/147,914) 2014-01-06

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[51] **Int.Cl. E21B 49/00 (2006.01) E21B 43/00 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **IDENTIFYING AND EXTRACTING FLUID LAYERS AND FLUID RESERVOIRS IN ONE OR MORE BODIES REPRESENTING A GEOLOGICAL STRUCTURE**
[54] **IDENTIFICATION ET EXTRACTION DE COUCHES DE FLUIDES ET DE RESERVOIRS DE FLUIDES DANS UN OU PLUSIEURS CORPS REPRESENTANT UNE STRUCTURE GEOLOGIQUE**
[72] LUNEBURG, CATALINA MARIA, US
[72] EWING, MICHAEL DAVID, US
[72] JOHANSON, DAVID BRYAN, US
[73] LANDMARK GRAPHICS CORPORATION, US
[85] 2016-01-14
[86] 2014-08-15 (PCT/US2014/051283)
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[30] US (61/866,927) 2013-08-16

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[13] C
[51] **Int.Cl. E21B 47/00 (2012.01) E21B 45/00 (2006.01) G01V 3/20 (2006.01)**
[25] EN
[54] **TOROIDAL LINK FOR RPM MEASUREMENT**
[54] **LIAISON TOROIDALE POUR MESURE DE TOURS PAR MINUTE**
[72] WILLIAMS, PERCIVAL F., GB
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-01-20
[86] 2013-09-03 (PCT/US2013/057804)
[87] (WO2015/034460)

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[13] C
[51] **Int.Cl. G01L 17/00 (2006.01) B60C 23/04 (2006.01)**
[25] EN
[54] **TIRE PRESSURE MONITORING SENSOR**
[54] **CAPTEUR DE SURVEILLANCE DE PRESSION DE PNEU**
[72] LI, WEI, CN
[72] SHI, WEIHUA, CN
[72] DUAN, HONGJUN, CN
[72] LONG, QIAN, CN
[73] SHANGHAI BAOLONG AUTOMOTIVE CORPORATION, CN
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[86] 2014-07-10 (PCT/CN2014/081940)
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[30] CN (201320472777.9) 2013-08-02

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[25] EN
[54] **LOW-POWER SATELLITE-TIMED SEISMIC DATA ACQUISITION SYSTEM**
[54] **SYSTEME D'ACQUISITION DE DONNEES SISMIQUES TEMPORISE PAR SATELLITE ET A PUISSANCE FAIBLE**
[72] ADAMS, ROBBIN B., US
[72] VAJAPEYAM, BHASKER (DECEASED), US
[72] PRADO, JESUS EDUARDO, US
[72] CARROLL, PAUL E., US
[72] HALLAMAN, JAMES MICHAEL, US
[73] GEOSPACE TECHNOLOGIES, LP, US
[86] (2919647)
[87] (2919647)
[22] 2008-09-19
[62] 2,700,163
[30] US (60/974,266) 2007-09-21

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[51] **Int.Cl. E06B 9/32 (2006.01) E06B 9/26 (2006.01)**
[25] EN
[54] **CORDLESS SHADE LIFT SYSTEM AND HEADRAIL ARRANGEMENT**
[54] **DISPOSITIF DE LEVAGE DE STORE SANS CORDE ET MECANISME DE TETE DE RAIL**
[72] MORRIS, JOHN, US
[73] SPRINGS WINDOW FASHIONS, LLC, US
[86] (2919677)
[87] (2919677)
[22] 2016-02-02
[30] US (62/110,795) 2015-02-02

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[13] C
[51] **Int.Cl. E06B 9/322 (2006.01) E06B 9/26 (2006.01) E06B 9/32 (2006.01)**
[25] EN
[54] **BRAKE DEVICE FOR CORDLESS LIFT SHADES**
[54] **DISPOSITIF DE FREIN POUR STORES A LEVAGE SANS CORDE**
[72] MORRIS, JOHN, US
[72] JOHNSON, DUSTIN, US
[73] SPRINGS WINDOW FASHIONS, LLC, US
[86] (2919685)
[87] (2919685)
[22] 2016-02-02
[30] US (62/110,809) 2015-02-02

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[13] C
[51] **Int.Cl. B21D 22/20 (2006.01) B21D 24/00 (2006.01)**
[25] EN
[54] **COOLING METHOD FOR HOT PRESS FORMING AND HOT PRESS FORMING APPARATUS**
[54] **PROCEDE DE REFROIDISSEMENT D'ESTAMPAGE A CHAUD ET DISPOSITIF D'ESTAMPAGE A CHAUD**
[72] FUKUCHI, HIROSHI, JP
[72] NOMURA, NARUHIKO, JP
[72] SETO, ATSUSHI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-01-28
[86] 2014-09-11 (PCT/JP2014/074056)
[87] (WO2015/037657)
[30] JP (2013-189218) 2013-09-12

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[13] C
[51] **Int.Cl. F16D 65/28 (2006.01)**
[25] EN
[54] **OPERATING APPARATUS FOR A BRAKE**
[54] **DISPOSITIF D'ACTIONNEMENT POUR UN FREIN**
[72] DREWES, OLAF, DE
[73] SAF-HOLLAND GMBH, DE
[85] 2016-02-04
[86] 2014-08-01 (PCT/EP2014/066612)
[87] (WO2015/022205)
[30] DE (102013215850.5) 2013-08-12

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[13] C
[51] **Int.Cl. G06F 17/18 (2006.01) G06F 3/14 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MANAGING STATISTICAL EXPRESSIONS**
[54] **SYSTEMES ET PROCEDES POUR GERER DES EXPRESSIONS STATISTIQUES**
[72] DAS, SHARMISTHA, US
[72] COTHRAN, SHANNNON M., US
[72] WELSH, MATTHEW P., US
[72] REID, JAMES R., US
[72] GUPTA, SANDEEP, US
[73] EQUIFAX, INC., US
[86] (2921562)
[87] (2921562)
[22] 2008-08-06
[62] 2,695,898
[30] US (60/954,369) 2007-08-07

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[13] C
[51] **Int.Cl. H04L 12/16 (2006.01) H04N 21/433 (2011.01) H04N 21/462 (2011.01)**
[25] EN
[54] **ACCESS TO CONTENT**
[54] **ACCES AU CONTENU**
[72] THOMAS, GARY, GB
[72] STEEL, JONATHAN, GB
[72] HILTON, GREIG, GB
[73] PIKSEL, INC., US
[86] (2924196)
[87] (2924196)
[22] 2016-03-17
[30] GB (1504492.8) 2015-03-17
[30] US (62/289,731) 2016-02-01

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[13] C
[51] **Int.Cl. F25J 3/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR SEPARATING A FEED STREAM USING RADIATION DETECTORS**
[54] **PROCEDE ET DISPOSITIF POUR LA SEPARATION D'UN FLUX D'ALIMENTATION AU MOYEN DE DETECTEURS DE RAYONNEMENT**
[72] VALENCIA, JAIME A., US
[72] CULLINANE, J. TIM, US
[72] GRAVE, EDWARD J., US
[72] DENTON, ROBERT D., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2016-03-14
[86] 2014-10-17 (PCT/US2014/061011)
[87] (WO2015/084496)
[30] US (61/912,964) 2013-12-06

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[13] C
[51] **Int.Cl. B01D 53/02 (2006.01)**
[25] EN
[54] **METHOD OF ADSORPTIVE GAS SEPARATION USING THERMALLY CONDUCTIVE CONTACTOR STRUCTURE**
[54] **PROCEDE DE SEPARATION DES GAZ PAR ADSORPTION A L'AIDE D'UNE STRUCTURE DE CONTACTEUR THERMIQUEMENT CONDUCTRICE**
[72] BOULET, ANDRE, CA
[72] KHIAVI, SOHEIL, CA
[73] INVENTYS THERMAL TECHNOLOGIES INC., CA
[86] (2925140)
[87] (2925140)
[22] 2011-08-26
[62] 2,809,502
[30] US (61/377,875) 2010-08-27

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[13] C
[51] **Int.Cl. F25J 3/02 (2006.01) F25J 3/00 (2006.01) F25J 3/06 (2006.01)**
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[54] **METHOD AND SYSTEM OF MODIFYING A LIQUID LEVEL DURING START-UP OPERATIONS**
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[54] **SYSTEME DE REPARTITION D'ENERGIE POUR PRODUCTION ELECTROLYTIQUE D'HYDROGENE A PARTIR D'ENERGIE EOLIENNE**
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[73] AMSTED RAIL COMPANY, INC., US
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[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[72] DAME, JOCELYN, CA
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[25] EN
[54] **PILE COMPRISING A SUBSTANTIALLY CYLINDRICAL SHAFT**
[54] **PIEUX COMPORTANT UNE TIGE SUBSTANTIELLEMENT CYLINDRIQUE**
[72] SATLOW, ROLAND, AT
[71] TIROLER ROHRE GMBH, AT
[22] 2016-05-05
[41] 2017-11-05

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **COURIER MANAGEMENT SYSTEMS**
[54] **SYSTEMES DE GESTION DU COURRIER**
[72] HILLIS, RYAN W., CA
[71] HILLIS, RYAN W., CA
[22] 2016-05-06
[41] 2017-11-06

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[13] A1
[51] **Int.Cl. F24D 19/00 (2006.01) H04W 4/00 (2009.01) H04W 4/12 (2009.01) F27D 19/00 (2006.01) F27D 21/00 (2006.01) G05D 23/19 (2006.01) G08B 21/18 (2006.01)**
[25] EN
[54] **SMART FURNACE**
[54] **CHAUDIERE INTELLIGENTE**
[72] RANDELL, RYAN S., CA
[71] RANDELL, RYAN S., CA
[22] 2016-05-06
[41] 2017-11-05
[30] US (15/147,869) 2016-05-05

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[13] A1
[51] **Int.Cl. G06F 21/31 (2013.01) G06F 21/32 (2013.01) G07F 19/00 (2006.01)**
[25] EN
[54] **INTEGRATED IDENTITY TERMINAL**
[54] **TERMINAL D'IDENTITE INTEGRE**
[72] TIAN, VICTOR, RU
[72] KAMALOV, EDUARD, CA
[72] MILLER, RICH, CA
[72] RIKHOF, JEAN, CA
[71] TIAN, VICTOR, RU
[71] KAMALOV, EDUARD, CA
[71] MILLER, RICH, CA
[71] RIKHOF, JEAN, CA
[22] 2016-05-06
[41] 2017-11-06

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[13] A1
[51] **Int.Cl. G06Q 20/30 (2012.01) G06Q 20/10 (2012.01) G06Q 20/40 (2012.01) G06F 3/01 (2006.01)**
[25] EN
[54] **WEARABLE TRANSACTION DEVICES**
[54] **DISPOSITIFS DE TRANSACTION PORTABLES**
[72] JUST, RICHARD S., US
[72] GEISER, CAMERON M., US
[71] CAPITAL ONE FINANCIAL CORPORATION, US
[22] 2016-05-06
[41] 2017-11-06

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[13] A1
[51] **Int.Cl. B64C 29/02 (2006.01) B64C 29/00 (2006.01) B64C 39/02 (2006.01) B64D 47/00 (2006.01) G05D 1/10 (2006.01) G08C 17/02 (2006.01) H04B 7/26 (2006.01)**
[25] EN
[54] **UNMANNED AERIAL VEHICLE (UAV) HAVING VERTICAL TAKEOFF AND LANDING (VTOL) CAPABILITY**
[54] **VEHICULE AERIEN SANS PILOTE AYANT LA CAPACITE DE DECOLLAGE ET ATTERRISSAGE A LA VERTICALE**
[72] HORN, DAVID, CA
[71] SKYX LIMITED, CA
[22] 2016-05-06
[41] 2017-11-06

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[13] A1
[51] **Int.Cl. F03B 13/10 (2006.01) B63B 35/00 (2006.01) E02B 9/00 (2006.01) F03B 13/14 (2006.01) F03B 17/06 (2006.01)**
[25] FR
[54] **FLOATING HYDROELECTRIC PLANT FOR OCEAN CURRENTS AND WAVES**
[54] **CENTRALE FLOTTANTE HYDROELECTRIQUE POUR COURANT MARIN ET VAGUES**
[72] BEAUREGARD, GEORGES G.B., CA
[72] SALAMI, MINKAILA M. S., FR
[72] GNAGO, MAXIME M. G., CA
[71] BEAUREGARD, GEORGES G.B., CA
[71] SALAMI, MINKAILA M. S., FR
[71] GNAGO, MAXIME M. G., CA
[22] 2016-05-09
[41] 2017-11-09

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[13] A1
[51] **Int.Cl. B62J 1/04 (2006.01) B62J 1/00 (2006.01)**
[25] EN
[54] **SPLIT SADDLE DESIGNED FOR A FOOT OPERATED BICYCLE OR TRICYCLE**
[54] **SELLE DIVISEE CONCUE POUR UNE BICYCLETTE OU UN TRICYCLE A PEDALES**
[72] NEY, PHILIP G., CA
[71] NEY, PHILIP G., CA
[22] 2016-05-09
[41] 2017-11-09

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[21] **2,929,281**
[13] A1
[51] **Int.Cl. F04D 29/10 (2006.01) F16J 15/18 (2006.01)**
[25] EN
[54] **BUSHING FOR ROTARY FLUID PUMPING EQUIPMENT**
[54] **COUSSINET DESTINE A UN EQUIPEMENT DE POMPAGE DE FLUIDE ROTATIF**
[72] PATTON, CHRISTOPHER SEAN, CA
[71] OPTIMAL PUMP SOLUTIONS INC., CA
[22] 2016-05-06
[41] 2017-11-06

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[13] A1
[51] **Int.Cl. A61F 11/14 (2006.01)**
[25] EN
[54] **BABY EAR PROTECTORS**
[54] **PROTECTEURS D'OREILLES DE BEBE**
[72] UNKNOWN, ZZ
[71] PAUL, JOHN J. P., CA
[22] 2016-05-09
[41] 2017-11-09

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[21] **2,929,342**
[13] A1
[51] **Int.Cl. B65D 1/22 (2006.01) B65D 21/032 (2006.01)**
[25] EN
[54] **REUSEABLE SHIPPING CONTAINER FOR PERISHABLE FOOD PRODUCTS**
[54] **CONTENANT D'EXPEDITION REUTILISABLE DESTINE AUX PRODUITS ALIMENTAIRES PERISSABLES**
[72] OSKARSSON, DAGUR, CA
[72] GOODING, BRIAN, CA
[72] SNORRASON, ARNAR, CA
[71] SAEPLAST AMERICAS INC., CA
[22] 2016-05-09
[41] 2017-11-09

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[13] A1
[51] **Int.Cl. C11D 3/60 (2006.01) C11D 1/00 (2006.01) C11D 3/20 (2006.01) C11D 3/37 (2006.01) C11D 3/48 (2006.01)**
[25] EN
[54] **LAUNDRY ADDITIVE AND DRUM TREATMENT**
[54] **ADDITIF DE LESSIVE ET TRAITEMENT DE TAMBOUR**
[72] CALLAHAN, RICHARD ALAN, US
[72] TRIVEDI, BHUPENDRA CHANDRASHANKER, US
[71] AS INNOVATIONS LLC, US
[22] 2016-05-09
[41] 2017-11-09

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[13] A1
[51] **Int.Cl. A63B 60/16 (2015.01) A63B 59/70 (2015.01) A63B 60/06 (2015.01) A63B 60/14 (2015.01)**
[25] EN
[54] **END CAP OF A HOCKEY STICK OR OTHER SPORTS IMPLEMENT**
[54] **EMBOUT DE BATON DE HOCKEY OU D'AUTRE ACCESSOIRE DE SPORT**
[72] JEAN, PHILIPPE, CA
[72] VAILLANCOURT, CHARLES, CA
[72] CARON KARDOS, JEAN-FREDERIK, CA
[71] BAUER HOCKEY CORP., CA
[22] 2016-05-06
[41] 2017-11-06

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01) G01N 33/483 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **METHODS OF DETECTING CANCER**
[54] **METHODE DE DETECTION DE CANCER**
[72] DAILY, ANNA, US
[72] RUTHERFORD, LINDSAY, US
[72] KLIMBERG, V. SUZANNE, US
[72] BECKMANN, M. PATRICIA, US
[71] ASCENDANT DIAGNOSTICS, LLC, US
[22] 2016-05-09
[41] 2017-11-09

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[21] **2,929,508**
[13] A1
[51] **Int.Cl. E04H 1/00 (2006.01) E04B 1/00 (2006.01)**
[25] EN
[54] **SMARTEST CITIES**
[54] **CITES INTELLIGENTES**
[72] VOON, GERARD, CA
[71] VOON, GERARD, CA
[22] 2016-05-10
[41] 2017-11-10

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[21] **2,929,521**
[13] A1
[51] **Int.Cl. E04H 1/00 (2006.01)**
[25] EN
[54] **BUILDING INCLUDING GOLDEN RATIO AND GOLDEN ANGLE**
[54] **BATIMENT INTEGRANT LE NOMBRE D'OR ET UN ANGLE DU NOMBRE D'OR**
[72] AUDET, MATHIEU, CA
[71] AUDET, MATHIEU, CA
[22] 2016-05-10
[41] 2017-11-10

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[21] **2,929,530**
[13] A1
[51] **Int.Cl. F24C 7/08 (2006.01) H05B 1/02 (2006.01)**
[25] EN
[54] **AUTOMATICALLY ENABLING AND DISABLING HEAT CAPABILITY ON COOKING APPLIANCE FOR INCREASED SAFETY**
[54] **ACTIVATION ET DESACTIVATION AUTOMATISEES DE LA CAPACITE DE CHAUFFAGE D'UN APPAREIL DE CUISSON EN VUE D'AUGMENTER LA SECURITE**
[72] FERGUSON, WILLIAM MACDONALD, CA
[71] IGUARDFIRE LTD., CA
[22] 2016-05-10
[41] 2017-11-10

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[21] **2,929,579**
[13] A1
[51] **Int.Cl. F16L 5/00 (2006.01) F16L 11/06 (2006.01) F16L 55/00 (2006.01)**
[25] EN
[54] **PEX NEEDLE**
[54] **AIGUILLE PEX**
[72] CURRAN, PATRICK GEORGE, CA
[71] CURRAN, PATRICK GEORGE, CA
[22] 2016-05-09
[41] 2017-11-09

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[21] **2,929,582**
[13] A1
[51] **Int.Cl. E03D 9/05 (2006.01) E03D 9/04 (2006.01)**
[25] EN
[54] **TOILET HAVING A BUILT-IN ODOR EVACUATING SYSTEM**
[54] **TOILETTE COMPORTANT UN MECANISME INTEGRE D'EVACUATION D'ODEUR**
[72] TRUDEL, ROBERT, CA
[71] TRUDEL, ROBERT, CA
[22] 2016-05-11
[41] 2017-11-11

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[21] **2,929,584**
[13] A1
[51] **Int.Cl. B23Q 11/00 (2006.01) B23K 37/00 (2006.01) B23Q 11/08 (2006.01)**
[25] EN
[54] **A CNC MILLING, ROUTER OR LASER SHIELD THAT CONTAINS AND REMOVES DUST, DEBRIS AND FUMES**
[54] **FRAISAGE CNC, ROUTEUR OU PROTECTEUR LASER QUI CONTIENT ET ELIMINE LA POUSSIERE, LES DEBRIS ET LES VAPEURS**
[72] UNKNOWN, ZZ
[71] CHEPURNY, MARK P., CA
[22] 2016-05-11
[41] 2017-11-11

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[21] **2,929,615**
[13] A1
[51] **Int.Cl. D06F 73/00 (2006.01)**
[25] EN
[54] **FREE STANDING ENCLOSED GARMENT STEAM BAG**
[54] **HOUSSE A VETEMENTS A VAPEUR, FERMEE ET AUTONOME**
[72] UNKNOWN, ZZ
[71] ABRAHIM, STANLEY, US
[22] 2016-05-11
[41] 2017-11-11

[21] **2,929,624**
[13] A1
[51] **Int.Cl. G01J 3/433 (2006.01) G01J 3/12 (2006.01)**
[25] EN
[54] **PHOTONIC-CHIP-BASED OPTICAL SPECTRUM ANALYZER**
[54] **ANALYSEUR DE SPECTRE OPTIQUE FONDE SUR UNE PUCE PHOTONIQUE**
[72] LIU, YANG, US
[72] HOCHBERG, MICHAEL J., US
[72] MA, YANGJIN, US
[71] CORIANT ADVANCED TECHNOLOGY, LLC, US
[22] 2016-05-11
[41] 2017-11-11

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[21] **2,929,761**
[13] A1
[51] **Int.Cl. E03C 1/22 (2006.01)**
[25] EN
[54] **LINEAR DRAIN ASSEMBLY**
[54] **MECANISME DE DRAIN LINEAIRE**
[72] ROY, DOMINIQUE, CA
[71] 9208-7170 QUEBEC INC., CA
[22] 2016-05-10
[41] 2017-11-10

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[21] **2,929,765**
[13] A1
[51] **Int.Cl. E05B 17/10 (2006.01) E05B 41/00 (2006.01) G08B 5/36 (2006.01)**
[25] EN
[54] **DOORKNOB INDICATING SYSTEM**
[54] **SYSTEME INDICATEUR DE POIGNEE DE PORTE**
[72] MAHONEY, CORY, CA
[71] MAHONEY, CORY, CA
[22] 2016-05-10
[41] 2017-11-10

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[21] **2,935,174**
[13] A1
[51] **Int.Cl. A47C 7/62 (2006.01) A47C 1/12 (2006.01) A47C 7/68 (2006.01)**
[25] EN
[54] **PORTABLE CUSTOMIZABLE SWIVELING CONCESSION TRAY**
[54] **PLATEAU DE CAFETERIA PIVOTANT ADAPTABLE PORTATIF**
[72] BERGIN, PETER W.A., US
[71] CADDY PRODUCTS, INC., US
[22] 2016-07-05
[41] 2017-11-06
[30] US (15/148,823) 2016-05-06

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[21] **2,937,960**
[13] A1
[51] **Int.Cl. B23P 15/00 (2006.01) A47J 27/00 (2006.01) A47J 27/16 (2006.01) A47J 36/02 (2006.01)**
[25] EN
[54] **STEAM TABLE PAN**
[54] **CASSEROLE DE TABLE A VAPEUR**
[72] SARNOFF, NORTON, US
[72] SARNOFF, BRAD, US
[72] PATEL, RAJ, US
[71] HFA, INC., US
[22] 2016-08-04
[41] 2017-11-11
[30] US (15/151,608) 2016-05-11

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[21] **2,939,340**
[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01)**
[25] EN
[54] **METHODS FOR AUTOMATED CHART ANALYSIS**
[54] **METHODES D'ANALYSE DE GRAPHIQUE AUTOMATISEE**
[72] CHEN, BO, US
[72] CHEN, YONG, US
[72] LI, SAISHI FRANK, US
[72] LIU, YANG, US
[72] ZHU, MINGYANG, US
[72] WANG, JACK DONG, US
[71] PANTON, INC., US
[22] 2016-08-12
[41] 2017-11-08
[30] US (15149145) 2016-05-08

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[13] A1
[51] **Int.Cl. E02D 5/80 (2006.01) E02D 5/74 (2006.01) E04H 12/20 (2006.01)**
[25] EN
[54] **FOUNDATION FOR THE SUPPORT OF A STRUCTURE AND METHOD OF INSTALLATION**
[54] **FONDATION DE SUPPORT D'UNE STRUCTURE ET METHODE D'INSTALLATION**
[72] GENEST, GAETAN, CA
[71] GENEST, GAETAN, CA
[22] 2016-09-01
[41] 2017-11-09
[30] US (62/333,601) 2016-05-09

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[13] A1
[51] **Int.Cl. B65B 67/10 (2006.01) B65B 25/00 (2006.01)**
[25] EN
[54] **PRODUCT DISPLAY PLATFORM**
[54] **PLATEFORME DE PRESENTATION DE PRODUIT**
[72] O'CLAIR, CHRIS, CA
[72] ZIEFF, MARK, CA
[72] TAHNK, JEFF, CA
[72] LOTFI, ALI, CA
[72] MULDREW, CRAIG, CA
[71] O'CLAIR, CHRIS, CA
[71] ZIEFF, MARK, CA
[71] TAHNK, JEFF, CA
[71] LOTFI, ALI, CA
[71] MULDREW, CRAIG, CA
[22] 2016-09-22
[41] 2017-11-11
[30] US (62/334,653) 2016-05-11

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[13] A1
[51] **Int.Cl. A46B 13/02 (2006.01) A47K 7/04 (2006.01) A61H 35/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR CLEANING HUMAN BODY'S ORIFICE**
[54] **APPAREIL DE NETTOYAGE D'ORIFICE DU CORPS HUMAIN**
[72] ZHOU, MINGDONG, CN
[71] ZENSUN (SHANGHAI) SCIENCE&TECHNOLOGY, CO., LTD., CN
[22] 2016-11-17
[41] 2017-11-09
[30] CN (CN201610301432.5) 2016-05-09

[21] **2,950,219**
[13] A1
[51] **Int.Cl. E04G 17/04 (2006.01) E04G 11/06 (2006.01) E04G 11/08 (2006.01)**
[25] EN
[54] **CONCRETE FORMWORK STEEL STUD AND SYSTEM**
[54] **MONTANT D'ACIER DE COFFRAGE DE BETON ET SYSTEME**
[72] STRICKLAND, MICHAEL R., CA
[71] ISPAN SYSTEMS LP, CA
[22] 2016-12-01
[41] 2017-11-11
[30] US (62/334,974) 2016-05-11

[21] **2,952,126**
[13] A1
[51] **Int.Cl. A47K 3/40 (2006.01) B21D 53/00 (2006.01) E03C 1/22 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A DRAINAGE BASE TRAY FOR A SHOWER, AND SHOWER DRAINAGE BASE TRAY RESULTING THEREFROM**
[54] **METHODE DE FABRICATION D'UN PLATEAU DE BASE DE DRAIN DE DOUCHE ET PLATEAU DE BASE DE DRAIN DE DOUCHE PRODUIT SELON LADITE METHODE**
[72] ROY, DOMINIQUE, CA
[71] 9208-7170 QUEBEC INC., CA
[22] 2016-12-15
[41] 2017-11-10
[30] CA (2,929,761) 2016-05-10

[21] **2,952,136**
[13] A1
[51] **Int.Cl. B03B 9/02 (2006.01) B01D 21/01 (2006.01)**
[25] EN
[54] **OIL SANDS TAILINGS TREATMENT**
[54] **TRAITEMENT DE RESIDUS DE SABLES BITUMINEUX**
[72] PAINTER, PAUL C., US
[72] MILLER, BRUCE G., US
[72] LUPINSKY, ARON, US
[71] EXTRAKT PROCESS SOLUTIONS, LLC, US
[22] 2016-12-16
[41] 2017-11-05
[30] US (62/332,116) 2016-05-05
[30] US (62/365,476) 2016-06-17
[30] US (15/370,479) 2016-12-06

[21] **2,954,235**
[13] A1
[51] **Int.Cl. E04C 5/12 (2006.01) B28B 23/04 (2006.01)**
[25] EN
[54] **ENCAPSULATED ANCHOR**
[54] **ANCRAGE ENCAPSULE**
[72] SORKIN, FELIX, US
[71] SORKIN, FELIX, US
[22] 2017-01-09
[41] 2017-11-10
[30] US (62/334,241) 2016-05-10
[30] US (15/400,679) 2017-01-06

[21] **2,955,826**
[13] A1
[51] **Int.Cl. G01N 29/14 (2006.01) B64F 5/60 (2017.01) G01N 29/46 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ACOUSTIC EMISSIONS TESTING**
[54] **METHODE ET APPAREIL DE TEST D'EMISSIONS ACOUSTIQUES**
[72] TAT, HONG HUE, US
[72] WU, YUAN-JYE, US
[72] SCHAEFER, JOSEPH D., US
[72] MATTHEWS, MARY J., US
[72] KAO, ANNE, US
[72] PAUCA, VICTOR P., US
[72] LI, RONGZHONG, US
[71] THE BOEING COMPANY, US
[22] 2017-01-20
[41] 2017-11-10
[30] US (15/150,595) 2016-05-10

[21] **2,956,261**
[13] A1
[51] **Int.Cl. C07D 498/04 (2006.01)**
[25] EN
[54] **OXAZIRIDINE COMPOUND AND PRODUCTION METHOD THEREOF**
[54] **COMPOSE D'OXAZIRIDINE ET METHODE DE PRODUCTION ASSOCIEE**
[72] ISHIKAWA, AKIHIKO, JP
[72] IWAMI, MORITA, JP
[71] SEED RESEARCH INSTITUTE CO., LTD., JP
[22] 2017-01-26
[41] 2017-11-11
[30] JP (095265/2016) 2016-05-11

[21] **2,957,999**
[13] A1
[51] **Int.Cl. H01L 21/98 (2006.01) H01L 23/12 (2006.01)**
[25] EN
[54] **METHOD TO PROVIDE DIE ATTACH STRESS RELIEF USING GOLD STUD BUMPS**
[54] **METHODE SERVANT A LIBERER LA CONTRAINTE DE FIXATION DE MATRICE AU MOYEN DE BOSSAGES EN OR**
[72] GOLDEN, JIM, US
[72] BARWIG, DAVID, US
[71] ROSEMOUNT AEROSPACE INC., US
[22] 2017-02-14
[41] 2017-11-10
[30] US (15/151,160) 2016-05-10

[21] **2,958,375**
[13] A1
[51] **Int.Cl. B64D 35/08 (2006.01) B60W 20/40 (2016.01) B64D 27/10 (2006.01) B64D 27/24 (2006.01)**
[25] EN
[54] **OPTIONALLY HYBRID POWER SYSTEM**
[54] **SYSTEME D'ALIMENTATION FACULTATIVEMENT HYBRIDE**
[72] ARMSTRONG, MICHAEL JAMES, US
[72] KELLER, RICHARD K., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-02-17
[41] 2017-11-06
[30] US (62/332,562) 2016-05-06

[21] **2,958,382**
[13] A1
[51] **Int.Cl. H02P 9/04 (2006.01) F02B 63/04 (2006.01) F02D 25/00 (2006.01) F02D 29/06 (2006.01)**
[25] EN
[54] **MULTIPLE ENGINE CONDITION MATCHING VIA ELECTRICAL POWER EXTRACTION CONTROL**
[54] **CONCORDANCE D'ETAT DE PLUSIEURS MOTEURS AU MOYEN DE COMMANDE D'EXTRACTION D'ALIMENTATION ELECTRIQUE**
[72] CLINE, CURTIS HARVEY, US
[72] DOUGHERTY, MICHAEL P., US
[72] SKERTIC, RICHARD JOSEPH, US
[72] ZELLER, ROBERT J., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2017-02-17
[41] 2017-11-09
[30] US (62/333,730) 2016-05-09

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[13] A1
[51] **Int.Cl. A01C 7/06 (2006.01) A01C 5/06 (2006.01)**
[25] EN
[54] **ROW UNIT FOR A DOUBLE-SHOOT DRILL USING TWO STAGGERED DISCS**
[54] **RAYONNEUR DESTINE A CREUSER DEUX SILLONS AU MOYEN DE DEUX DISQUES DECALES**
[72] ROBERGE, MARTIN J., CA
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] CLOUTIER BOILY, GUILLAUME, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2017-02-22
[41] 2017-11-06
[30] US (15/148,775) 2016-05-06

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[13] A1
[51] **Int.Cl. A01C 7/06 (2006.01) A01B 49/04 (2006.01) A01C 5/06 (2006.01) A01C 5/08 (2006.01)**
[25] EN
[54] **DOUBLE-SHOOT DISC DRILL USING TWO DISTINCT STAGGERED ROW UNITS**
[54] **INSTRUMENT DE CREUSAGE DE DOUBLE SILLON EMPLOYANT DEUX RAYONNEURS DECALES DISTINCTS**
[72] ROBERGE, MARTIN J., CA
[72] GERVAIS, JOEL JOHN OCTAVE, CA
[72] CLOUTIER BOILY, GUILLAUME, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2017-02-22
[41] 2017-11-06
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[54] **SYSTEMS AND METHODS FOR RETAINING REMOVABLE PANEL WHEN DEPLOYING EVACUATION SYSTEM**
[54] **SYSTEMES ET METHODES DE RETENUE D'UN PANNEAU AMOVIBLE LORS DU DEPLOIEMENT D'UN SYSTEME D'EVACUATION**
[72] SCHMIDT, RYAN, US
[72] LARNER, WILLIAM TAD, US
[71] GOODRICH CORPORATION, US
[22] 2017-02-21
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[54] **GENERATEUR DE VIBRATION**
[72] MERZHAEUSER, MARKUS, DE
[71] EURODRILL GMBH, DE
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[25] EN
[54] **MOTORIZED PIPE-MOUNTED DRAIN CLEANOUT**
[54] **APPAREIL DE NETTOYAGE DE DRAIN MOTORISE INSTALLE SUR UN TUYAU**
[72] THOMPSON, PERRY E., CA
[71] THOMPSON, PERRY E., CA
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[54] **CHARACTER PILLOW SYSTEM AND APPARATUS**
[54] **SYSTEME D'OREILLER PRESENTANT UN PERSONNAGE ET APPAREIL**
[72] PEREZ, HUGO W., US
[71] FRANCO MANUFACTURING CO. INC., US
[22] 2017-03-13
[41] 2017-11-06
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[51] **Int.Cl. E01B 29/32 (2006.01)**
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[54] **RAIL PLATE DROPPING APPARATUS**
[54] **APPAREIL DE DESCENTE DE PLAQUE DE RAIL**
[72] IRION, ALLAN, US
[71] NORDCO INC., US
[22] 2017-03-17
[41] 2017-11-11
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[51] **Int.Cl. A47F 5/08 (2006.01) A47G 29/02 (2006.01) F16M 13/02 (2006.01)**
[25] EN
[54] **MERCHANDISE DISPLAY STRIP**
[54] **BANDE D'AFFICHAGE DE MARCHANDISE**
[72] SANTARELLI, ANTHONY, US
[71] AMERICAN GREETINGS CORPORATION, US
[22] 2017-03-29
[41] 2017-11-06
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[51] **Int.Cl. G03B 13/32 (2006.01) G03B 13/36 (2006.01)**
[25] EN
[54] **METHOD, APPARATUS, SYSTEM AND SOFTWARE FOR FOCUSING A CAMERA**
[54] **METHODE, APPAREIL, SYSTEME ET LOGICIEL SERVANT A LA FOCALISATION D'UNE CAMERA**
[72] PRESTON, HOWARD, US
[71] PRESTON, HOWARD, US
[22] 2017-04-03
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[25] EN
[54] **ADJUSTABLE WIDTH USER SUPPORT**
[54] **SUPPORT D'UTILISATEUR A LARGEUR AJUSTABLE**
[72] O'REAGAN, JAMES R., US
[72] POOLE, RYAN, US
[72] PAULEY, SHAWN, US
[71] SPAN-AMERICA MEDICAL SYSTEMS, INC., US
[22] 2017-04-04
[41] 2017-11-09
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[25] EN
[54] **HYBRID GAS-ELECTRIC TURBINE ENGINE**
[54] **TURBINE HYBRIDE GAZ-ELECTRICITE**
[72] MENHEERE, DAVID, CA
[71] PRATT & WHITNEY CANADA CORP., CA
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[25] EN
[54] **EXERCISE APPARATUS WITH DIVERGENT/CONVERGENT MOTION ALONG THE SYMMETRIC SEMI ELLIPTICAL ROUTE**
[54] **APPAREIL D'EXERCICE A MOUVEMENT DIVERGENT/CONVERGENT LE LONG DU PARCOURS SEMI-ELLIPTIQUE SYMETRIQUE**
[72] KIANI, ALI, CA
[71] KIANI, ALI, CA
[22] 2017-04-11
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[51] **Int.Cl. H04W 52/02 (2009.01) G01R 31/36 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS TO INCREASE BATTERY LIFE IN AND IDENTIFY MISUSE OF A WIRELESS DEVICE USING ENVIRONMENTAL SENSORS**
[54] **SYSTEMES ET METHODES DESTINES A AUGMENTER LA DUREE UTILE D'UNE BATTERIE ET A IDENTIFIER LA MAUVAISE UTILISATION D'UN DISPOSITIF SANS FIL A L'AIDE DE CAPTEURS ENVIRONNEMENTAUX**
[72] SHARMA, GOURAV, US
[72] BEREZOWSKI, ANDREW G., US
[72] OTIS, JESSE J., US
[72] FARRELL, JASON MICHAEL, US
[71] HONEYWELL INTERNATIONAL INC., US
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[51] **Int.Cl. A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **VARYING DIAMETER CATHETER DISTAL END DESIGN FOR DECREASED DISTAL HUB SIZE**
[54] **MODELE D'EXTREMITE DISTALE DE CATHETER A DIAMETRE VARIABLE DESTINE A UN FORMAT DE CONCENTRATEUR DISTAL REDUIT**
[72] WU, STEVEN, US
[72] MIN, SUNGWOO, US
[72] AUJLA, VISHAV, US
[72] MERCHANT, NEIL, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-04-13
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[30] US (15/148,146) 2016-05-06

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[51] **Int.Cl. A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/14 (2006.01)**
[25] EN
[54] **CATHETER WITH SHUNTING ELECTRODE**
[54] **CATHETER COMPORTANT UNE ELECTRODE DE DERIVATION**
[72] SHAH, KRUTI, US
[72] LIFSHITZ, ALEXANDER, US
[72] SCHMIDT, JERRY, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-04-13
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[51] **Int.Cl. A61B 5/042 (2006.01) A61B 18/14 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **BASKET-SHAPED CATHETER WITH IMPROVED DISTAL HUB**
[54] **CATHETER PANIER A CONCENTRATEUR DISTAL AMELIORE**
[72] WU, STEVEN, US
[72] MIN, SUNGWOO, US
[72] AUJLA, VISHAV, US
[72] MERCHANT, NEIL, US
[72] BASU, SHUBHAYU, US
[72] WILLIAMS, STUART, US
[72] HOITINK, RYAN, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-04-13
[41] 2017-11-06
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[51] **Int.Cl. B60G 9/02 (2006.01)**
[25] EN
[54] **WRAP AROUND AXLE CONNECTION FOR SUSPENSION TRAILING ARM**
[54] **RACCORD D'ESSIEU ENROULE DESTINE A UN BRAS LONGITUDINAL DE SUSPENSION**
[72] WALL, KENNETH, US
[72] OCHSE, MICHAEL G., US
[71] REYCO GRANNING, LLC, US
[22] 2017-04-18
[41] 2017-11-10
[30] US (62/334,297) 2016-05-10

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[51] **Int.Cl. F02C 7/06 (2006.01) F01D 25/04 (2006.01) F01D 25/16 (2006.01) F16C 35/077 (2006.01)**
[25] EN
[54] **BEARING DAMPER WITH EXTERNAL SUPPORT SPRING SYSTEMS AND METHODS**
[54] **SUPPORT AMORTISSEUR DOTE DE DISPOSITIFS DE RESSORT DE SUPPORT EXTERNE ET METHODES**
[72] ERTAS, BUGRA HAN, US
[72] SNOW, KYLE ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-20
[41] 2017-11-05
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[51] **Int.Cl. F16D 65/62 (2006.01) F16D 55/36 (2006.01) F16D 65/12 (2006.01)**
[25] EN
[54] **POSITIONING OF DISKS IN THE BRAKE RELEASED MODE FOR MULTI DISK BRAKES**
[54] **POSITIONNEMENT DE DISQUES EN MODE DE LIBERATION DE DISQUE DESTINE A DES FREINS A DISQUE MULTIPLES**
[72] CYROT, LUC P., US
[72] HYRLIK, EDWARD F., US
[71] PARKER-HANNIFIN CORPORATION, US
[22] 2017-04-20
[41] 2017-11-05
[30] US (62/332,072) 2016-05-05
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[51] **Int.Cl. B61G 9/20 (2006.01) B61G 9/00 (2006.01)**
[25] EN
[54] **YOKE FOR LOCOMOTIVE DRAFT GEAR**
[54] **ETRIER DESTINE A UN DISPOSITIF DE TRACTION DE LOCOMOTIVE**
[72] KEENER, SCOTT A., US
[71] AMSTED RAIL COMPANY, INC., US
[22] 2017-04-21
[41] 2017-11-09
[30] US (15/149,904) 2016-05-09

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[51] **Int.Cl. A22C 11/00 (2006.01) A22C 13/00 (2006.01)**
[25] EN
[54] **DEVICE FOR AUTOMATICALLY PEELING SAUSAGES**
[54] **APPAREIL SERVANT A PELER AUTOMATIQUEMENT DES SAUCISSES**
[72] RAMISA USERO, JOAN, ES
[71] ARCTECNO APLICACIONES, S. L., ES
[22] 2017-04-24
[41] 2017-11-05
[30] EP (16001021.1) 2016-05-05

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[51] **Int.Cl. F01D 5/18 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **AIRFOIL WITH COOLING CIRCUIT**
[54] **PROFIL AERODYNAMIQUE DOTE D'UN CIRCUIT DE REFROIDISSEMENT**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-04-27
[41] 2017-11-10
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[51] **Int.Cl. G08B 3/10 (2006.01) G01D 7/12 (2006.01) G01S 7/02 (2006.01) G01S 13/93 (2006.01) G08B 3/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUDIBLY COMMUNICATING A STATUS OF A CONNECTED DEVICE OR SYSTEM**
[54] **SYSTEME ET METHODE DE COMMUNICATION AUDIBLE D'UN ETAT D'UN DISPOSITIF OU D'UN SYSTEME CONNECTE**
[72] KIM, SO YOUNG, US
[72] PHILLIPS, RICHARD ALAN, US
[72] BARTLETT, DAVID, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-04-27
[41] 2017-11-10
[30] US (15/151,090) 2016-05-10

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[51] **Int.Cl. F02C 6/08 (2006.01) F02C 9/18 (2006.01)**
[25] EN
[54] **IMPELLER-MOUNTED VORTEX SPOILER**
[54] **DEFLECTEUR DE TOURBILLON INSTALLE SUR UNE HELICE**
[72] WASLO, DANIEL, US
[72] RICHARDSON-BACH, MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-11-10
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[51] **Int.Cl. F16L 5/00 (2006.01) F16L 1/10 (2006.01) F16L 55/00 (2006.01)**
[25] EN
[54] **PULLING DEVICE FOR FLEXIBLE CONDUIT TUBING**
[54] **DISPOSITIF D'EXTRACTION DESTINE A UN TUBAGE DE CONDUIT FLEXIBLE**
[72] CURRAN, PATRICK G., CA
[71] CURRAN, PATRICK G., CA
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[51] **Int.Cl. G06F 9/44 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF SUBJECT STATE CHANGE NOTIFICATION**
[54] **SYSTEMES ET METHODE DE NOTIFICATION DE CHANGEMENT D'ETAT D'UN OBJET**
[72] DECKER, CHRISTIAN REYNOLDS, US
[72] BROWN, TROY STEPHEN, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-04-27
[41] 2017-11-10
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[51] **Int.Cl. F16K 31/16 (2006.01) F16H 21/44 (2006.01) F16K 31/52 (2006.01)**
[25] EN
[54] **IMPROVING MANUFACTURE OF ACTUATORS AND CONTROL VALVE ASSEMBLIES**
[54] **FABRICATION AMELIOREE D'ACTIONNEUR ET D'ASSEMBLAGE DE VANNE DE COMMANDE**
[72] JOHANNING, JEFFREY LOUIS, US
[72] KACZMAREK, MARK DAVID, US
[72] MOHAMED, ABDUL RAOOF, US
[72] SHAH, JAYESH K., US
[72] STOCKBRIDGE, CASEY MICHAEL, US
[72] VAN DORAN, ORIE WOODMAN, US
[71] DRESSER, INC., US
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[41] 2017-11-05
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[51] **Int.Cl. G01D 3/032 (2006.01) G01M 13/00 (2006.01)**
[25] EN
[54] **AN ENHANCED SYSTEM AND METHOD FOR CONDUCTING PCA ANALYSIS ON DATA SIGNALS**
[54] **UN SYSTEME AMELIORE ET UNE METHODE DE REALISATION D'ANALYSE PCA SUR LES SIGNAUX DE DONNEES**
[72] ISMAIL, MAHMOUD, CA
[72] HABIBI, SAEID, CA
[72] ZIADA, SAMIR, CA
[71] ISMAIL, MAHMOUD, CA
[71] HABIBI, SAEID, CA
[71] ZIADA, SAMIR, CA
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[41] 2017-11-11
[30] US (62/334,532) 2016-05-11

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR IDENTIFYING AND MANAGING ITEM STOCKING STATUS IN A RETAIL ENVIRONMENT**
[54] **SYSTEMES ET METHODES D'IDENTIFICATION ET DE GESTION DE L'ETAT DE STOCKAGE D'ARTICLE DANS UN ENVIRONNEMENT DE VENTE AU DETAIL**
[72] BODE, BRIAN, US
[72] THOMPSON, JOHN, US
[71] WAL-MART STORES, INC., US
[22] 2017-05-01
[41] 2017-11-05
[30] US (62/332,212) 2016-05-05

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[51] **Int.Cl. A23L 7/109 (2016.01)**
[25] EN
[54] **PASTA WITH A NOVEL FORM**
[54] **PATE AYANT UNE FORME NOVATRICE**
[72] ROSSI, STEFANO, IT
[72] MARIANI, MANUEL, IT
[72] BARDIANI, ITALO, IT
[71] BARILLA G. E R. FRATELLI S.P.A., IT
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[51] **Int.Cl. C01B 3/34 (2006.01) C01B 3/02 (2006.01) C01B 3/48 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRODUCING A HYDROGEN-CONTAINING PRODUCT**
[54] **METHODE ET APPAREIL DE PRODUCTION D'UN PRODUIT RENFERMANT DE L'HYDROGENE**
[72] SALOWAY, SIMON CRAIG, GB
[71] AIR PRODUCTS AND CHEMICALS, INC., US
[22] 2017-05-03
[41] 2017-11-06
[30] US (15/148,207) 2016-05-06

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[51] **Int.Cl. A61H 3/04 (2006.01) A61G 5/12 (2006.01) A61H 3/00 (2006.01)**
[25] EN
[54] **WALKER APPARATUS AND BACKREST THEREFOR**
[54] **APPAREIL DE DEAMBULATOIRE ET DOSSIER DESTINE AUDIT APPAREIL**
[72] LIU, JULIAN, CA
[72] CINGUINO, NICOLAS, CN
[71] EVOLUTION TECHNOLOGIES INC., CA
[22] 2017-05-02
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[51] **Int.Cl. F21S 10/04 (2006.01) F24D 13/00 (2006.01)**
[25] EN
[54] **ELECTRIC FIREPLACE LIGHTING SYSTEM**
[54] **SYSTEME D'ECLAIRAGE DE FOYER ELECTRIQUE**
[72] CROWE, MATTHEW, CN
[71] TWIN-STAR INTERNATIONAL, INC., US
[22] 2017-05-01
[41] 2017-11-10
[30] CN (201610306066.2) 2016-05-10
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[51] **Int.Cl. G01K 3/04 (2006.01) E01C 19/00 (2006.01)**
[25] EN
[54] **VEHICLE LOAD TEMPERATURE MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE DE LA TEMPERATURE DE CHARGEMENT D'UN VEHICULE**
[72] VIDAILLAC, PIERRE, CA
[71] MINDS INC., CA
[22] 2017-05-03
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[51] **Int.Cl. E02D 19/06 (2006.01) E02D 31/02 (2006.01) E03F 5/10 (2006.01) F04D 13/08 (2006.01)**
[25] EN
[54] **SUMP JUNCTION BOX**
[54] **BOITE DE CONNEXION DE PUISARD**
[72] LONG, DANIEL CHRISTOPHER, US
[72] WEBSTER, KEVIN ALLEN, US
[72] LIEBAL, CHARLES J., JR., US
[72] BOYLE, DANIEL LEE, US
[72] SANYER, WOLFGANG EMMANUEL, US
[72] ECKART, GLENN MICHAEL, US
[72] KANE, KRISTOPHER A., US
[71] OPW FUELING CONTAINMENT SYSTEMS, INC., US
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[41] 2017-11-09
[30] US (15/493,198) 2017-04-21
[30] US (62/333,423) 2016-05-09

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[25] EN
[54] **CARGO CONTAINER APPARATUS INCLUDING A SANDWICH STRUCTURE AND A TRACK**
[54] **APPAREIL DE CONTENEUR DE MARCHANDISE COMPORTANT UNE STRUCTURE EN SANDWICH ET UN RAIL**
[72] EBNOTHER, FABIEN, DE
[72] COX, DOUGLAS, US
[71] CELLTECH METALS, INC., US
[22] 2017-05-01
[41] 2017-11-11
[30] US (62/334,643) 2016-05-11

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[51] **Int.Cl. F16L 37/28 (2006.01) F16L 37/084 (2006.01)**
[25] EN
[54] **INTEGRATED FLUSH-FACE CARTRIDGE**
[54] **CARTOUCHE A FACE AFFLEURANTE INTEGREE**
[72] DANELLI, ALESSANDRO, IT
[72] SORBI, ROBERTO, IT
[71] FASTER S.P.A., IT
[22] 2017-05-02
[41] 2017-11-09
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[51] **Int.Cl. E01H 5/09 (2006.01) E01H 5/00 (2006.01)**
[25] EN
[54] **SNOW ROLLER ACCESSORY FOR USE ON SNOW BLOWER DEVICES**
[54] **ACCESSOIRE DE ROULEAU DE NEIGE DESTINE AUX APPAREILS DE SOUFFLAGE DE LA NEIGE**
[72] CARRIER, FRANCOIS, CA
[71] CARRIER, FRANCOIS, CA
[22] 2017-05-03
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[30] US (62391600) 2016-05-05

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[51] **Int.Cl. A61F 13/08 (2006.01) A61F 5/01 (2006.01) A61F 13/06 (2006.01)**
[25] FR
[54] **VENAL COMPRESSION ORTHOTIC WITH VARIABLE PRESSURE PROFILE**
[54] **ORTHESE DE COMPRESSION VEINEUSE A PROFIL DE PRESSION VARIABLE**
[72] CROS, FRANCOIS, FR
[72] OUCHENE, AMINA, FR
[72] MATHIEU, JOEL, FR
[71] LABORATOIRES INNOTHERA, FR
[22] 2017-05-01
[41] 2017-11-06
[30] FR (16 54 103) 2016-05-06

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[51] **Int.Cl. A47K 17/00 (2006.01) B67D 7/06 (2010.01) A47K 5/12 (2006.01) A47K 10/32 (2006.01) G01S 17/08 (2006.01)**
[25] EN
[54] **FLUID DISPENSER WITH TIME OF FLIGHT PROXIMITY SENSOR**
[54] **DISTRIBUTEUR DE FLUIDE A DETECTEUR DE PROXIMITE DE TEMPS DE DEPLACEMENT**
[72] OPHARDT, HEINER, CH
[72] LANG, ALBRECHT, CH
[71] OP-HYGIENE IP GMBH, CH
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[30] US (62/333,689) 2016-05-09
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[51] **Int.Cl. G06Q 10/08 (2012.01)**
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[54] **RETAIL PRODUCT ASSORTMENT OPTIMIZATION SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'OPTIMISATION D'ASSORTIMENT DE PRODUITS DE VENTE AU DETAIL**
[72] CROW, BRUCE, US
[71] WAL-MART STORES, INC., US
[22] 2017-05-03
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[30] US (62/332,218) 2016-05-05

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[51] **Int.Cl. F02K 1/54 (2006.01) F02K 1/70 (2006.01) F02K 1/72 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH THRUST REVERSER ASSEMBLY AND METHOD OF OPERATING**
[54] **TURBINE A GAZ A DISPOSITIF D'INVERSEUR DE POUSSEE ET METHODE D'EXPLOITATION**
[72] HOWARTH, GRAHAM FRANK, US
[72] ROACH, ANDREW MICHAEL, US
[72] BEASMAN, TIMOTHY ROBERT, US
[71] MRA SYSTEMS, LLC, US
[22] 2017-05-04
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[54] **MIXED FLOW FAN**
[54] **VENTILATEUR A FLUX MELANGE**
[72] LEAL, ERIC G., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-05-03
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[25] EN
[54] **APPARATUS AND METHOD FOR DETECTING MOISTURE IN A VACUUM CHAMBER**
[54] **APPAREILLAGE ET METHODE DE DETECTION D'HUMIDITE DANS UNE CHAMBRE A VIDE**
[72] CHIN, HAN, US
[71] ETHICON, INC., US
[22] 2017-05-03
[41] 2017-11-11
[30] US (15/151,774) 2016-05-11

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[51] **Int.Cl. F28F 27/00 (2006.01) B64D 37/34 (2006.01) F01D 25/12 (2006.01) F02C 7/12 (2006.01) F02C 7/224 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STABILIZING TRANSCRITICAL AIR-TO-FUEL HEAT EXCHANGE**
[54] **SYSTEME ET METHODE DE STABILISATION D'ECHANGE DE CHALEUR TRANSCRITIQUE AIR-CARBURANT**
[72] SWEENEY, PATRICK C., US
[72] HEISTER, STEPHEN D., US
[72] HUNT, STEVEN A., US
[72] SCALO, CARLO, US
[72] MIGLIORINO, MARTO TINDARO, US
[71] ROLLS-ROYCE CORPORATION, US
[71] PURDUE UNIVERSITY RESEARCH FOUNDATION, US
[22] 2017-05-04
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[30] US (62/332,161) 2016-05-05
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[51] **Int.Cl. G01D 11/00 (2006.01) G03B 13/10 (2006.01)**
[25] EN
[54] **EXTERNALLY VIEWABLE ORIENTATION INDICATION APPARATUS AND METHOD FOR AN OPTICAL SENSOR**
[54] **APPAREIL D'INDICATION D'ORIENTATION VISIBLE DE L'EXTERIEUR ET METHODE DESTINEE A UN CAPTEUR OPTIQUE**
[72] CLYNNE, THOMAS, US
[72] DESHPANDE, ANIRUDHA, US
[72] SAHA, KOUSHIK BABI, US
[72] MEYER, JONATHAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[30] US (62/334,578) 2016-05-11
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[51] **Int.Cl. G06F 12/0893 (2016.01)**
[25] EN
[54] **A METHOD OF PARTITIONING A SET-ASSOCIATIVE CACHE IN A COMPUTING PLATFORM**
[54] **UNE METHODE DE DIVISION D'UN CACHE ASSOCIE A UN ENSEMBLE DANS UNE PLATEFORME INFORMATIQUE**
[72] GOEBEL, CHRISTOPHER JOHN, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-05-04
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[30] US (15/152,156) 2016-05-11

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[51] **Int.Cl. A47F 9/04 (2006.01) B65G 21/00 (2006.01)**
[25] EN
[54] **CHECK-OUT STAND WITH TELESCOPING TAKE-AWAY CONVEYOR**
[54] **SUPPORT DE VERIFICATION DOTE D'UN CONVOYEUR D'ENLEVEMENT TELESCOPIQUE**
[72] WATTS, BRIAN, US
[72] CREDLE, BEN, US
[71] ROYSTON, LLC, US
[22] 2017-05-05
[41] 2017-11-05
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[51] **Int.Cl. A47C 31/12 (2006.01) A47C 7/14 (2006.01) A47C 27/00 (2006.01) A61G 7/057 (2006.01) B68G 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR FABRICATING ANATOMICAL CUSHION AND DEVICE TO CAPTURE PRESSURE CONTROLLED SHAPE**
[54] **METHODE DE FABRICATION DE COUSSIN ANATOMIQUE ET DISPOSITIF PERMETTANT DE CAPTER UNE FORME CONTROLEE PAR LA PRESSION**
[72] LESSARD, JEAN-LUC, CA
[71] EQUIPEMENTS SPORTIFS KEKU INC., CA
[22] 2017-05-05
[41] 2017-11-06
[30] US (62/332,519) 2016-05-06

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[51] **Int.Cl. F16L 55/128 (2006.01) F16L 55/26 (2006.01) G01N 3/12 (2006.01)**
[25] EN
[54] **IMPROVED PIPE ENGAGEMENT AND TESTING SYSTEM**
[54] **SYSTEME DE TEST ET ENGAGEMENT DE TUYAU AMELIORE**
[72] BREAUX, KENNETH, US
[72] BUCKLEY, W. SCOTT, US
[71] PIPELINE PRESSURE ISOLATION GROUP, LLC, US
[22] 2017-05-04
[41] 2017-11-05
[30] US (62/332,392) 2016-05-05
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[51] **Int.Cl. A23P 20/10 (2016.01) A23L 29/20 (2016.01) A23L 29/256 (2016.01) A23P 30/20 (2016.01) A22C 11/00 (2006.01) A22C 13/00 (2006.01)**
[25] EN
[54] **COATED FOOD PRODUCTS**
[54] **PRODUITS ALIMENTAIRES ENDUITS**
[72] SCHULTZ, HERMANN AUGUST, ZA
[72] GOORHUIS, JOHANNES GERHARDUS MARIA, NL
[72] ZYL, ANDRIES WYNAND VAN, ZA
[72] PREEZ, JOHANNES CHRISTIAAN DU, ZA
[71] FREDDY HIRSCH GROUP AG, CH
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[51] **Int.Cl. B21F 3/04 (2006.01)**
[25] EN
[54] **INSTALLATION AND METHOD FOR WINDING AN ELONGATED FLEXIBLE INDUCTOR**
[54] **INSTALLATION ET METHODE D'ENROULEMENT D'UN INDUCTEUR FLEXIBLE ALLONGE**
[72] ROJAS CUEVAS, ANTONIO, ES
[72] NAVARRO, PEREZ, FRANCISCO EZEQUIEL, ES
[72] CANETE CABEZA, CLAUDIO, ES
[72] GARCIA VACAS, FRANCISCO, ES
[71] PREMO, S.L., ES
[22] 2017-05-04
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[51] **Int.Cl. A61M 25/14 (2006.01) A61B 1/015 (2006.01) A61B 1/267 (2006.01) A61M 25/00 (2006.01)**
[25] EN
[54] **FLUID DISPENSING CATHETER**
[54] **CATHETER DE DISTRIBUTION DE FLUIDE**
[72] HERDINA, KATHERINE A., US
[72] MAGNUSON, THOMAS D., US
[71] COVIDIEN LP, US
[22] 2017-05-04
[41] 2017-11-05
[30] US (62/332,073) 2016-05-05
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[51] **Int.Cl. A61B 18/12 (2006.01) A61B 18/14 (2006.01)**
[25] EN
[54] **ABLATION INSTRUMENTS WITH A MEMBER HAVING A TRIANGULAR CROSS-SECTION**
[54] **INSTRUMENTS D'ABLATION DOTES D'UN ELEMENT COMPORTANT UNE SECTION TRANSVERSALE TRIANGULAIRE**
[72] DICKHANS, WILLIAM J., US
[72] LARSON, ERIC W., US
[71] COVIDIEN LP, US
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[41] 2017-11-05
[30] US (62/332,080) 2016-05-05
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[51] **Int.Cl. H05K 5/02 (2006.01) G05B 19/00 (2006.01)**
[25] EN
[54] **EASY ASSEMBLY CONTROL PANEL**
[54] **PANNEAU DE COMMANDE FACILE A ASSEMBLER**
[72] STEINKE, COREY LEE, US
[71] S.J. ELECTRO SYSTEMS, INC., US
[22] 2017-05-05
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[51] **Int.Cl. E04B 2/86 (2006.01)**
[25] EN
[54] **INSULATING CONCRETE FORM SYSTEM**
[54] **SYSTEME DE MOULE DE BETON ISOLANT**
[72] STEWART, COOPER E., US
[71] STEWART, COOPER E., US
[22] 2017-05-05
[41] 2017-11-06
[30] US (62/332,843) 2016-05-06

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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **ENTITY-SPECIFIC VALUE OPTIMIZATION TOOL**
[54] **OUTIL D'OPTIMISATION DE VALEUR PROPRE A UNE ENTITE**
[72] SARIN, MADHUR, IN
[71] WAL-MART STORES, INC., US
[22] 2017-05-04
[41] 2017-11-09
[30] IN (201641016049) 2016-05-09
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[51] **Int.Cl. A47L 7/00 (2006.01) A46B 17/06 (2006.01) A47L 5/38 (2006.01) A47L 9/02 (2006.01) A47L 13/50 (2006.01)**
[25] EN
[54] **DRY MOP CLEANER**
[54] **NETTOYANT DE VADROUILLE A SEC**
[72] KERNTOPF, WILLY, CA
[72] MALINOSKY, MICHAEL W., CA
[71] KERNTOPF, WILLY, CA
[71] MALINOSKY, MICHAEL W., CA
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[51] **Int.Cl. A01N 1/02 (2006.01) A61M 5/14 (2006.01)**
[25] EN
[54] **ORGAN PERFUSION DEVICE AND METHOD**
[54] **DISPOSITIF ET METHODE DE PERFUSION D'ORGANE**
[72] GIL, LAHAV, CA
[72] TAN, SIEW HONG, CA
[72] PAR, MARTIN LEANDRO, CA
[72] STUCKLIN, PHILIPP, CA
[72] KESHAVJEE, SHAFIQUE, CA
[72] LIU, MINGYAO, CA
[72] CYPEL, MARCELO, CA
[72] LYNCH, DAVID CHRISTOPHER, CA
[72] WADDELL, THOMAS KENNETH, CA
[72] FROST, GEOFFREY SAMUEL, CA
[72] BURDYSZEK, GRZEGORZ PIOTR, CA
[71] XOR-LABS TORONTO INC., CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR DYNAMIC MASKING OF DATA**
[54] **SYSTEMES ET METHODES DE MASQUAGE DYNAMIQUE DES DONNEES**
[72] HARP, VICKY, US
[71] IDERA, INC., US
[22] 2017-05-10
[41] 2017-11-06
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[51] **Int.Cl. H01R 4/66 (2006.01) H02B 5/01 (2006.01)**
[25] EN
[54] **GROUNDING APPARATUS AND METHODS FOR GROUNDING**
[54] **APPAREIL DE MISE A LA MASSE ET METHODE DE MISE A LA MASSE**
[72] MUNDLE, TERRY D., CA
[71] R U GROUNDED ENERGY INC., CA
[22] 2017-05-10
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[51] **Int.Cl. B24B 9/04 (2006.01)**
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[54] **SHARPENING SYSTEM FOR ICE SKATE RUNNERS**
[54] **SYSTEME D'AFFUTAGE DESTINE AUX LAMES DE PATIN A GLACE**
[72] TATOMIR, WALLY WAYNE, US
[71] TATOMIR, WALLY WAYNE, US
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[51] **Int.Cl. E04F 13/076 (2006.01) E04F 13/21 (2006.01)**
[25] EN
[54] **PANEL SPLICE CONNECTOR FOR LINEAR PANELS**
[54] **CONNECTEUR DE PANNEAU COUPE A ANGLE DROIT DESTINE A DES PANNEAUX LINEAIRES**
[72] DE GOEIJ, HANS KURT, NL
[72] VAN KOPPEN, JACOB WILLEM KRIJN, NL
[71] HUNTER DOUGLAS INDUSTRIES B.V., NL
[22] 2017-05-10
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[30] NL (1041856) 2016-05-09

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[51] **Int.Cl. G02B 6/44 (2006.01)**
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[54] **OVERMOULDED ASSEMBLY WITH STRAIN RELIEF**
[54] **ASSEMBLAGE SURMOULE A LIBERATION DE CONTRAINTE**
[72] LEVY, MOISE, CA
[71] BELDEN CANADA INC., CA
[22] 2017-05-04
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[51] **Int.Cl. E03D 1/32 (2006.01)**
[25] EN
[54] **QUICK CONNECT DEVICE AND ASSEMBLY FOR USE WITH A TOILET FILL VALVE**
[54] **DISPOSITIF DE RACCORD RAPIDE ET ASSEMBLAGE DESTINE A UNE VANNE DE REMPLISSAGE DE TOILETTE**
[72] GUTHRIE, KEVIN J., US
[71] GUTHRIE, KEVIN J., US
[22] 2017-05-04
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[25] EN
[54] **DUAL LUMBER STACKER AND METHOD OF STACKING LUMBER**
[54] **EMPILEUR DE BILLOTS DOUBLE ET METHODE D'EMPILEMENT DE BILLOTS**
[72] RAYBON, CHRIS, US
[72] KENNEDY, RUSSELL, US
[72] CONRY, PAT, US
[71] BAXLEY EQUIPMENT CO., US
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[51] **Int.Cl. E05B 35/08 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **DUAL FUNCTION LOCK CYLINDER ASSEMBLY OPERABLE BY DIFFERENT KEYS**
[54] **ENSEMBLE DE BARILLET A DOUBLE FONCTION ACCEPTANT DIFFERENTES CLES**
[72] TRENT, DOUGLAS E., US
[72] BENCH, JAMES, US
[72] BENZIE, MARK, US
[72] SCHOELL, LANCE, US
[71] ASSA ABLOY HIGH SECURITY GROUP INC., US
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[51] **Int.Cl. B21D 53/88 (2006.01) B21D 22/02 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR MANUFACTURE OF A DOG STRIP**
[54] **METHODE ET DISPOSITIF DE FABRICATION D'UN DEGAGEMENT DE TROU DE CRAMPON**
[72] DIETZ, HORST, DE
[72] ERHARDT, JURGEN, DE
[71] KOKINETICS GMBH, DE
[22] 2017-05-04
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[30] DE (1020161083909) 2016-05-06
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[51] **Int.Cl. F24F 11/02 (2006.01) F24F 13/04 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DYNAMICALLY CONTROLLING ECONOMIZERS**
[54] **SYSTEME ET METHODE DE CONTROLE DYNAMIQUE D'ECONOMISEURS**
[72] NICKEL, KENNETH EARL, US
[72] HICKS, SCOTT, US
[72] GOGGIN, EDWARD F., US
[72] MOORE, DAVID CHARLES, US
[71] QUEST CONTROLS, INC., US
[22] 2017-05-04
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[51] **Int.Cl. A63J 5/00 (2006.01) A47F 10/00 (2006.01) B44D 3/00 (2006.01) G09F 5/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DISPLAYING A SIMULATED ROOM AND PORTIONS THEREOF**
[54] **SYSTEMES ET METHODES D'AFFICHAGE D'UNE SALLE SIMULEE ET DE PARTIES DE LADITE SALLE**
[72] HOLT, BLAIR THOMAS, US
[72] JANSEN, KURT JAMES, US
[72] BOGGESS, SHANNON WADFORD, US
[72] MILLER, RANDALL ALLEN, US
[72] FERGUSON, PAULA GRAGG, US
[72] KEY, JEFFREY DONALD, US
[72] POLLARD, JEFFREY ROBERT, US
[72] MARKSHAUSEN, ZEKE ROBERT, US
[72] WINTHER, GARRETT LETT, US
[72] SOVERN, KATHRYN, US
[72] SJUNNESSON, CAROL DAVID, US
[72] FLETCHER, KYLE, US
[72] SPENKO, ELIZABETH, US
[72] GRACEFFA, JOSEPH THOMAS, US
[72] LEE, TRAVIS SCHULTZ, US
[72] FERBER, AARON RANDALL, US
[71] LOWE'S COMPANIES, INC., US
[22] 2017-05-10
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[30] US (15/150,973) 2016-05-10

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[13] A1
[51] **Int.Cl. B01D 27/08 (2006.01) B01D 27/10 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND APPARATUS FOR A FLUID FILTRATION DEVICE**
[54] **SYSTEMES ET APPAREIL DESTINES A UN DISPOSITIF DE FILTRATION DE FLUIDE**
[72] PRCHAL, EDWARD, US
[72] PRCHAL, ANDREW, US
[71] PHIL-UP LLC, US
[22] 2017-05-10
[41] 2017-11-11
[30] US (62/334,916) 2016-05-11

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[13] A1
[51] **Int.Cl. E05F 15/686 (2015.01)**
[25] EN
[54] **TELESCOPING DOOR OPENER**
[54] **OUVRE-PORTE TELESCOPIQUE**
[72] OKRASA, MATTHEW STEFAN, CA
[72] DAWSON, STEVEN CLARE, CA
[71] OKRASA, MATTHEW STEFAN, CA
[71] DAWSON, STEVEN CLARE, CA
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[51] **Int.Cl. E04F 15/14 (2006.01) E04B 1/68 (2006.01) E04F 15/02 (2006.01)**
[25] EN
[54] **JOINT FILLING PROFILE**
[54] **PROFIL DE REMPLISSAGE DE JOINT**
[72] WIEGRINK, STEFAN, DE
[71] SK WIEGRINK BETEILIGUNGS GMBH, DE
[22] 2017-05-10
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[25] EN
[54] **ARCHERY SHAFT FOR ARROWS**
[54] **TIGE DE FLECHES DE TIR A L'ARC**
[72] GORDON, DONALD M., US
[72] PILPEL, EDWARD D., US
[71] BLUE CURTAIN LLC, US
[22] 2017-05-05
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[30] US (62/332,016) 2016-05-05

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[51] **Int.Cl. E21B 21/02 (2006.01) E21B 17/05 (2006.01) E21B 33/03 (2006.01)**
[25] EN
[54] **WASHPIPE ASSEMBLIES FOR A POWER SWIVEL**
[54] **ASSEMBLAGES DE TUBES D'USURE DESTINES A UN PIVOT ELECTRIQUE**
[72] WALKER, CHRISTOPHER BRIAN, US
[72] DO, HENRY, US
[72] PAPP, ROBERT IOAN, US
[72] PUSCAS, MIHAIL, US
[72] BLANKENSHIP, CALVIN RONALD, US
[71] NATIONAL OILWELL VARCO, L.P., US
[22] 2017-05-05
[41] 2017-11-05
[30] US (62/332,208) 2016-05-05
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[51] **Int.Cl. A47B 63/00 (2006.01) A47B 88/44 (2017.01) A47B 88/50 (2017.01) E05B 65/462 (2017.01)**
[25] EN
[54] **INTERLOCK MECHANISM FOR FILING CABINET ASSEMBLY**
[54] **MECANISME DE VERROUILLAGE DESTINE A UN ENSEMBLE DE CLASSEURS**
[72] SAMMUT, PAUL, CA
[71] DASCO STORAGE SOLUTIONS LTD., CA
[22] 2017-05-10
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[51] **Int.Cl. E06B 1/52 (2006.01)**
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[54] **REINFORCED MULL POST ASSEMBLY**
[54] **ENSEMBLE DE MENEAUX RENFORCE**
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[72] LIN, SUNGTSE, US
[71] PLASTPRO 2000, INC., US
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[54] **ECLAIRAGE DE COMMUNICATION DE PASSAGER**
[72] KOBEL, KARL J., US
[72] SCHMIDT, TIMOTHY R., US
[71] WESTINGHOUSE AIR BRAKE TECHNOLOGIES CORPORATION, US
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[72] MAW, JASON, CA
[72] ST. PIERRE, BEAU J., US
[71] ULTERRA DRILLING TECHNOLOGIES, L.P., US
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[54] **MODULAR SYSTEM OF A PLURALITY OF TRANSPORT LINE COMPONENTS OF A LONG STATOR LINEAR MOTOR**
[54] **SYSTEME MODULAIRE COMPORTANT UNE PLURALITE DE COMPOSANTES DE LIGNE DE TRANSPORT D'UN MOTEUR LINEAIRE A STATOR LONG**
[72] WALTER, DOMINIC, AT
[72] OBERMAIR, CHRISTOPH, AT
[72] HUBER, STEFAN, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
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[54] **SAFETY MODULE FOR INSERTION NEEDLE**
[54] **MODULE DE SECURITE DESTINE A UNE AIGUILLE D'INSERTION**
[72] HWANG, CHARLES, US
[72] SONDEREGGER, RALPH, US
[71] BECTON, DICKINSON AND COMPANY, US
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[54] **DISPOSITIFS D'ECOUTE DE COMMUNICATION EN SERIE**
[72] HOBBS, JONATHAN, CA
[71] DATAMETREX LIMITED, CA
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[54] **OUTIL D'ECAILLAGE**
[72] GAGNON, JEAN-PIERRE, CA
[71] SOLUTIONS JPG INC., CA
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[54] **TASK-BASED HEALTH DATA MONITORING OF AIRCRAFT COMPONENTS**
[54] **SURVEILLANCE DE DONNEES D'ETAT FONDEE SUR LA TACHE DESTINEE AUX COMPOSANTES D'AERONEF**
[72] TUCKER, BRIAN EDWARD, US
[71] BELL HELICOPTER TEXTRON INC., US
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[54] **PALLET WITH CONCAVE LOAD SUPPORT SURFACE**
[54] **PALETTE DOTEE D'UNE SURFACE D'APPUI DE CHARGE CONCAVE**
[72] SPADAVECCHIA, JOHN A., US
[71] KELLY, DANIEL, US
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[54] **STRAIN SENSING CABLE TIE**
[54] **ATTACHE DE CABLE DETECTANT LA CONTRAINTE**
[72] MURPHY, KATHRYN F., US
[72] ZHONG, SHENG, US
[72] GHOUL, CHERIF, US
[71] ABB SCHWEIZ AG, CH
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[54] **DISPOSITIF ANTI-CHUTE**
[72] VERGARA, DAVID, US
[72] TWOMLEY, ROBERT JAMES, US
[72] HARRINGTON, JOHN, US
[71] EASTMAN OUTDOORS, LLC, US
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[54] **APPAREIL D'AJUSTEMENT AXIAL DE DISQUE DECHIQUETEUR**
[72] ROBINSON, MARK D., US
[72] FLINT, JASON M., US
[72] MCBRIDE, DANIEL R., US
[71] CEM MACHINE, INC., US
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[54] **PORTABLE EXHIBIT DISPLAY WITH MAGNETIC ACCESSORY MOUNTS**
[54] **AFFICHEUR DE PRESENTATION PORTATIF DOTE DE DISPOSITIFS D'INSTALLATION D'ACCESSOIRES MAGNETIQUES**
[72] TAYLOR, KELLY, US
[72] DART, BRANDON, US
[72] COVINGTON, JOE, US
[72] TOOMEY, ERICH, US
[71] VOMELA SPECIALTY COMPANY, US
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[54] **METHODES D'AMELIORATION DE LA RECUPERATION DE PETROLE LOURD**
[72] PATINO, JOSE EDGAR, CO
[71] PETRORAZA SAS, CO
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[54] **HIGH TEMPERATURE HYDRATOR**
[54] **HYDRATATEUR HAUTE TEMPERATURE**
[72] HEIDEL, KENTON ROBERT, CA
[72] ROSSI, ROBERT A., US
[71] CARBON ENGINEERING LIMITED PARTNERSHIP, CA
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[54] **BIASED PLUNGER ARRANGEMENT FOR A BRAKE PAD RETENTION SYSTEM**
[54] **DISPOSITION DE PISTON INCLINE DESTINEE A UN SYSTEME DE RETENUE DE PLAQUETTE DE FREIN**
[72] SEAMAN, JAMES, US
[72] SWANSEGAR, KYLE, US
[71] BENDIX SPICER FOUNDATION BRAKE LLC, US
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[54] **UTERINE MANIPULATOR**
[54] **APPAREIL DE MANIPULATION UTERINE**
[72] PRIOR, SCOTT J., US
[71] COVIDIEN LP, US
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[54] **MECANISMES D'ECLAIRAGE A IRRADIANCE AJUSTABLE**
[72] HUBER, MATTHIAS, DK
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
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[54] **VIBRATION DAMPENER**
[54] **AMORTISSEUR DE VIBRATION**
[72] PRATT, F. DALE, US
[72] LAMBE, KENNETH A., US
[71] EXTENSIVE ENERGY TECHNOLOGIES PARTNERSHIP, CA
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[54] **CAFETIERE DOTEE D'UNE CUILLERE DE MOUSSAGE ET D'AU MOINS UNE HELICE**
[72] RYAN, HARRY, US
[71] RYAN BROTHERS COFFEE OF SAN DIEGO, INC., US
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[72] HOANG, ANDREW, CA
[72] HOANG, JACK, CA
[71] I3 INTERNATIONAL INC., CA
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[54] **EXERCISE APPARATUS WITH DIVERGENT/CONVERGENT MOTION ALONG THE SYMMETRIC SEMI ELLIPTICAL ROUTE**
[54] **APPAREIL D'EXERCICE A MOUVEMENT DIVERGENT/CONVERGENT LE LONG DU PARCOURS SEMI-ELLIPTIQUE SYMETRIQUE**
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[54] **COURROIE TONIFIANTE A POIDS VARIABLE**
[72] HALEY, STEPHEN C., US
[71] BETTER WAY INVENTIONS, LLC, US
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[54] **DERIVES DE TRIAZOLO-PYRAZINYLE UTILES COMME ACTIVATEURS DE GUANYLATES CYCLASES SOLUBLES**
[72] BERGER, RAPHAELLE, US
[72] DONG, GUIZHEN, US
[72] RAGHAVAN, SUBHAREKHA, US
[72] YANG, ZHIQIANG, US
[71] MERCK SHARP & DOHME CORP., US
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[54] **ANALOGUES D'UREE PONTES SUBSTITUES EN TANT QUE MODULATEURS DE SIRTUINE**
[72] ELLIS, JAMES LAMOND, US
[72] EVANS, KAREN ANDERSON, US
[72] FOX, RYAN MICHAEL, US
[72] MILLER, WILLIAM HENRY, US
[72] SEEFELD, MARK ANDREW, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[54] **SYNTHESE FISCHER-TROPSCH**
[72] WALSH, RICHARD, NEIL, ZA
[72] GAUCHE, JEAN LOUIS, ZA
[72] JOUBERT, HENDRIK WILHELMUS, QA
[72] VAN WYK, ALBERTUS MARITZ, QA
[72] VILJOEN, JOHANNES HENNING, QA
[72] KRAUSE, MARCEL JUERGEN, QA
[71] SASOL TECHNOLOGY PROPRIETARY LIMITED, ZA
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[54] **4-OXO-3,4-DIHYDRO-1,2,3-BENZOTRIAZINES UTILISEES EN TANT QUE MODULATEURS DE GPR139**
[72] HITCHCOCK, STEPHEN, US
[72] LAM, BETTY, US
[72] MONENSCHEIN, HOLGER, US
[72] REICHARD, HOLLY, US
[71] TAKEDA PHARMACEUTICAL COMPANY LIMITED, JP
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[54] **NOUVEAUX PROMEDICAMENTS A BASE D'HORMONE DE CROISSANCE HUMAINE (HGH) POLYMERE**
[72] KURPIERS, THOMAS, DE
[72] RAU, HARALD, DE
[72] EXNER, EVELYN, DE
[72] JENSEN, STEEN, DK
[72] RASMUSSEN, GRETHE NORSKOV, DK
[72] LESSMANN, TORBEN, DE
[72] WEGGE, THOMAS, DE
[72] HERMANN, ALINA, DE
[72] SCHUBERT, NINA, DE
[72] SPLANEMANN, ANNA, DE
[72] ZETTLER, JOACHIM, DE
[71] ASCENDIS PHARMA ENDOCRINOLOGY DIVISION A/S, DK
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[54] **PREVENTION ET TRAITEMENT D'INFECTIONS MICROBIENNES**
[72] PATTON, THOMAS, IE
[72] BRENNAN, JAMES, IE
[72] STAPLES, IAN, GB
[72] ELDER, IAIN, GB
[72] CALLAGHAN, ANNETTE, GB
[72] DRYDEN, MATTHEW, GB
[72] BARRETT, JOHN REGINALD, IE
[72] KERSHAW, DAVID, GB
[72] SALIB, RAMI, GB
[71] MATOKE HOLDINGS LIMITED, GB
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[25] EN
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[54] **PREPARATIONS POUR SUPPRIMER OU ATTENUER UNE PROPRIETE IRRITANTE DE L'OEIL**
[72] LUTZ, RACHEL, IL
[72] BESONOV, ALEXANDER, IL
[72] SILBERSTEIN, TOVA, IL
[71] Y&B MOTHER'S CHOICE LTD., IL
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[54] **PROCEDE ET SYSTEME POUR FACILITER L'IDENTIFICATION DE PRODUIT CHIMIQUE DANS UN DETECTEUR**
[72] PROCINO, IMMACOLATA, GB
[72] ARNOLD, PAUL DOUGLAS, GB
[71] SMITHS DETECTION-WATFORD LIMITED, GB
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[54] **COMPOSITION DE DOXYCYCLINE A LIBERATION MODIFIEE**
[72] BAHETI, ANKIT, IN
[72] PADHI, BIJAY KUMAR, IN
[72] RAGHUVANSHI, RAJEEV SINGH, IN
[71] NESTLE SKIN HEALTH SA, CH
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[72] YU, ZHIYA, US
[72] YANG, JAMES C., US
[71] THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES, US
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[54] **CONJUGUES ANTICORPS-PYRROLOBENZODIAZEPINE**
[72] VAN BERKEL, PATRICIUS HENRIKUS CORNELIS, CH
[72] HOWARD, PHILIP WILSON, GB
[72] HARTLEY, JOHN, GB
[71] ADC THERAPEUTICS SA, CH
[71] MEDIMMUNE LIMITED, GB
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[30] GB (1420910.0) 2014-11-25
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[54] **HYDROSOLUBLE HYDROXYBISPHOSPHONIC DERIVATIVES OF DOXORUBICIN**
[54] **DERIVES HYDROXYBISPHOSPHONIQUES HYDROSOLUBLES DE LA DOXORUBICINE**
[72] EGOROV, MAXIM, FR
[72] GOUJON, JEAN-YVES, FR
[72] LE BOT, RONAN, FR
[72] DAVID, EMMANUELLE, FR
[71] ATLANTHERA, FR
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[25] FR
[54] **METHOD FOR RECOVERING SUCCINIC ACID CRYSTALS USING SURFACTANTS DURING CRYSTALLISATION, AND RESULTING CRYSTALS**
[54] **PROCEDE DE RECUPERATION DE CRISTAUX D'ACIDE SUCCINIQUE AVEC MISE EN OEUVRE DE TENSIOACTIFS AU COURS DE LA CRISTALLISATION ET CRISTAUX OBTENUS**
[72] DUFLOT, PIERRICK, FR
[72] LANOS, PIERRE, FR
[72] BOIT, BAPTISTE, FR
[72] DEHAY, FREDERICK, FR
[72] ROSSI, LAURENT, FR
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[54] **METHOD AND DEVICE FOR DETERMINING THE COAGULATION TIME OF A BLOOD SAMPLE, AND REACTION VESSEL**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DU TEMPS DE COAGULATION D'UN ECHANTILLON SANGUIN, ET CUVETTE DE REACTION**
[72] ROUSSEAU, ALAIN, FR
[72] BRUTT, NORBERT, FR
[72] GUYON, BERTRAND, FR
[71] DIAGNOSTICA STAGO, FR
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[54] **ONE-STEP PROCESS FOR THE SYNTHESIS OF ALKYLATED METYRAPONE ANALOGS**
[54] **PROCEDE EN UNE ETAPE POUR LA SYNTHESE D'ANALOGUES DE METYRAPONE ALKYLES**
[72] WILLIAMS, ERIC L., US
[72] SUNDERHAUS, JAMES D., US
[72] SPRINGER, JAMES J., US
[71] ALBEMARLE CORPORATION, US
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[54] **METHOD FOR THE PREVENTION AND TREATMENT OF ACNE**
[54] **PROCEDE POUR LA PREVENTION ET LE TRAITEMENT DE L'ACNE**
[72] WOODY, STEPHEN T., US
[71] AVADIM TECHNOLOGIES, INC., US
[71] WOODY, STEPHEN T., US
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[54] **SYSTEM FOR THE CONCOMITANT ASSESSMENT OF DRUG DISSOLUTION, ABSORPTION AND PERMEATION AND METHODS OF USING THE SAME**
[54] **SYSTEME POUR L'EVALUATION CONCOMITANTE DE LA DISSOLUTION, DE L'ABSORPTION ET DE LA PERMEATION D'UN MEDICAMENT ET SES PROCEDES D'UTILISATION**
[72] LI, JIBIN, US
[72] HIDALGO, ISMAEL J., US
[71] ABSORPTION SYSTEMS GROUP, LLC, US
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[54] **ANTIBODIES, USES & METHODS**
[54] **ANTICORPS, UTILISATIONS ET PROCEDES ASSOCIES**
[72] BLAND-WARD, PHILIP, GB
[72] KOSMAC, MIHA, GB
[72] HOLMES, STEVE, GB
[72] KIRBY, IAN, GB
[72] CAMPBELL, JAMIE, GB
[72] KEEN, LESLIE SUSAN, GB
[72] TKACHEV, VICTOR, GB
[71] KYMAB LIMITED, GB
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[54] **COMPOSITIONS AND METHODS COMPRISING MEDIUM CHAIN TRIGLYCERIDES FOR TREATMENT OF EPILEPSY**
[54] **COMPOSITIONS ET PROCEDES COMPRENANT DES TRIGLYCERIDES A CHAINE MOYENNE POUR LE TRAITEMENT DE L'EPILEPSIE**
[72] PAN, YUANLONG, US
[72] ZANGHI, BRIAN MICHAEL, US
[72] BOUTHEGOURD, JEAN-CHRISTOPHE, FR
[71] NESTEC S.A., CH
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[54] **EXTRAIT PEPTIDIQUE ET OSIDIQUE DE FRUIT DE SCHIZANDRA ET AMELIORATION DE LA REPONSE DU SYSTEME NEUROSENSORIEL CUTANE**
[72] MSIKA, PHILIPPE, FR
[72] BAUDOUIN, CAROLINE, FR
[72] BREDIF, STEPHANIE, FR
[71] LABORATOIRES EXPANSCIENCE, FR
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[54] **USES OF BIOACTIVE LIPIDS**
[54] **UTILISATIONS DE LIPIDES BIOACTIFS**
[72] MASOODI, MOJGAN, CH
[72] DIOUM, EL HADJI MAMADOU, CH
[71] NESTEC S.A., CH
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[54] **ARYLALKYLAMINE COMPOUNDS FOR USE IN THE PREVENTION OR TREATMENT OF CANCER**
[54] **COMPOSES D'ARYLALKYLAMINE POUR UTILISATION DANS LA PREVENTION OU LE TRAITEMENT DU CANCER**
[72] KNOLL, JOZSEF, HU
[72] MIKLYA, ILDIKO, HU
[72] FERDINANDY, PETER, HU
[72] SCHULER, DEZSO, HU
[72] SCHAFF, ZSUZSANNA, HU
[72] ECKHARDT, SANDOR, HU
[71] SEMMELWEIS UNIVERSITY, HU
[71] FUJIMOTO CO. LTD., JP
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[54] **COMPOSES D'ARYLALKYLAMINE POUR UTILISATION DANS LA PREVENTION OU LE TRAITEMENT DU CANCER**
[72] KNOLL, JOZSEF, HU
[72] MIKLYA, ILDIKO, HU
[72] FERDINANDY, PETER, HU
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[54] **METHODS OF TREATING CANCER BY TARGETING TUMOR-ASSOCIATED MACROPHAGES**
[54] **PROCEDES DE TRAITEMENT DU CANCER PAR CIBLAGE DE MACROPHAGES ASSOCIES A UNE TUMEUR**
[72] LU, YINGJUAN J., US
[72] WHEELER, LEROY W., II., US
[72] LEAMON, CHRISTOPHER P., US
[72] LOW, PHILIP STEWART, US
[71] ENDOCYTE, INC., US
[71] PURDUE RESEARCH FOUNDATION, US
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[54] **BUSE D'INJECTION DE FLUIDE POUR REACTEURS A LIT FLUIDISE**
[72] KNAPPER, BRIAN ALLEN, CA
[72] SCHROETER, CHRISTIAN WOLFGANG, CA
[72] SKWAROK, ROBERT WILLIAM, CA
[72] PROCIW, NICHOLAS, CA
[72] MCMILLAN, JENNIFER, CA
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **VALORISATION DE PARAFFINES EN DISTILLATS ET HUILES DE BASE LUBRIFIANTES**
[72] WANG, KUN, US
[72] HO, SUZZY CHEN HSI, US
[72] OLMSTEAD, WILLIAM N., US
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **ANTICORPS HETERODIMERIQUES SE LIANT AUX ANTIGENES CD3 ET CD38**
[72] MOORE, GREGORY, US
[72] DESJARLAIS, JOHN, US
[72] BERNETT, MATTHEW, US
[72] CHU, SEUNG, US
[72] RASHID, RUMANA, US
[72] MUCHHAL, UMESH, US
[71] XENCOR, INC., US
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[54] **FUSED 1,3-AZOLE DERIVATIVES USEFUL FOR THE TREATMENT OF PROLIFERATIVE DISEASES**
[54] **DERIVES FUSIONNES DE 1,3-AZOLE UTILES POUR LE TRAITEMENT DE MALADIES PROLIFERATIVES**
[72] KOEHLER, ANGELA N., US
[72] STEFAN, ERIC, US
[72] CABALLERO, FRANCISCO, US
[71] MASSACHUSETTS INSTITUTE OF TECHNOLOGY, US
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[54] **DISPOSITIF ET PROCEDE DE DETECTION DE CONTAMINANT**
[72] GUNASEKARAN, SUNDARAM, US
[72] CHANG, WOO-JIN, US
[72] YANG, JIANG, US
[72] SEENIVASAN, RAJESH, US
[71] UWM RESEARCH FOUNDATION, INC., US
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[54] **CONVERSION DE COMPOSES OXYGENES ORGANIQUES EN HYDROCARBURES**
[72] HARANDI, MOHSEN N., US
[72] HILBERT, TIMOTHY L., US
[72] RAJAGOPALAN, SURIYANARAYANAN, US
[72] MCCARTHY, STEPHEN J., US
[72] VIJAY, ROHIT, US
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[54] **CATALYTIC AND SOLVENT PROCESSING FOR BASE OIL PRODUCTION**
[54] **TRAITEMENT CATALYTIQUE ET TRAITEMENT PAR VOIE HUMIDE POUR LA PRODUCTION D'HUILE DE BASE**
[72] HOO, TECK-MUI, US
[72] VAUGHN, NICOLE D., US
[72] UMANSKY, BENJAMIN S., US
[72] GLEESON, JAMES W., US
[72] KIM, JEENOK T., US
[72] LOPEZ, CARLOS N., US
[72] ANDRE, JEAN P., US
[72] ZHANG, LEI, US
[72] KAUL, BAL K., US
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[54] **VERIFICATION DE FONCTIONNEMENT DE DISPOSITIF DE MESURE**
[72] BLYTHE, STEPHEN, GB
[72] BASKEYFIELD, DAMIAN, GB
[71] INSIDE BIOMETRICS LIMITED, GB
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[54] **COMPOSITIONS COMPRISING 2-((1-(2(4-FLUOROPHENYL)-2-OXOETHYL)PIPERIDIN-4-YL)METHYL)ISOINDOLIN-1-ONE FOR TREATING SCHIZOPHRENIA**
[54] **COMPOSITIONS CONTENANT DE LA 2-((1-(2(4-FLUOROPHENYL)-2-OXOETHYL)PIPERIDIN-4-YL)METHYL)ISOINDOLIN-1-ONE POUR TRAITER LA SCHIZOPHRENIE**
[72] LUTHRINGER, REMY, US
[72] OKUYAMA, MASAHIRO, JP
[72] NOEL, NADINE, FR
[72] WERNER, SANDRA, FR
[71] MINERVA NEUROSCIENCES, INC., US
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[54] **METHODS OF PROMOTING TISSUE HEALING AND REPAIR**
[54] **PROCEDES D'ACTIVATION DE LA CICATRISATION ET DE LA REPARATION DE TISSU**
[72] SOO, CHIA B., US
[72] TING, KANG, US
[72] ZHENG, ZHONG, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **PROCEDE DE PREPARATION D'UNE COMPOSITION DE POLYMERE-MEDICAMENT**
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[71] PATEL, KIRIT, IN
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[54] **COMPOSES TRIAZOLOPYRIMIDINE ET LEURS UTILISATIONS**
[72] CHAN, HO MAN, US
[72] GU, XIANG-JU JUSTIN, CN
[72] HUANG, YING, CN
[72] LI, LING, CN
[72] MI, YUAN, CN
[72] QI, WEI, CN
[72] SENDZIK, MARTIN, US
[72] SUN, YONGFENG, CN
[72] WANG, LONG, CN
[72] YU, ZHENGTIAN, CN
[72] ZHANG, HAILONG, CN
[72] ZHANG, JI YUE (JEFF), CN
[72] ZHANG, MAN, CN
[72] ZHANG, QIONG, CN
[72] ZHAO, KEHAO, CN
[71] NOVARTIS AG, CH
[85] 2017-05-26
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[25] EN
[54] **BIOMARKERS FOR DISTINGUISHING MOOD DISORDERS**
[54] **BIOMARQUEURS PERMETTANT DE DISTINGUER LES TROUBLES DE L'HUMEUR**
[72] KALDATE, RAJESH, US
[71] MYRIAD GENETICS, INC., US
[85] 2017-05-26
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[54] **INHIBITEURS DE LA CD38 ET METHODES DE TRAITEMENT**
[72] BECHERER, DAVID J., US
[72] CADILLA, RODOLFO, US
[72] DEATON, DAVID NORMAN, US
[72] HAFFNER, CURT, US
[72] HENKE, BRAD RICHARD, US
[72] PREUGSCHAT, FRANK, US
[72] SCHULTE, CHRISTIE, US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED, GB
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[25] EN
[54] **PROTON-BINDING POLYMERS FOR ORAL ADMINISTRATION**
[54] **POLYMERES DE LIAISON AUX PROTONS POUR ADMINISTRATION ORALE**
[72] KLAERNER, GERRIT, US
[72] CONNOR, ERIC F., US
[72] GBUR, RANDI K., US
[72] KADE, MATTHEW J., US
[72] KIERSTEAD, PAUL H., US
[72] BUYSSE, JERRY M., US
[72] COPE, MICHAEL J., US
[72] BIYANI, KALPESH N., US
[72] NGUYEN, SON H., US
[72] TABAKMAN, SCOTT M., US
[71] TRICIDA, INC., US
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[25] EN
[54] **NANOPARTICLES FOR ENCAPSULATING COMPOUNDS, THE PREPARATION AND USES THEREOF**
[54] **NANOPARTICULES POUR L'ENCAPSULATION DE COMPOSES, LEUR PREPARATION ET LEURS UTILISATIONS**
[72] IRACHE GARRETA, JUAN MANUEL, ES
[72] HUARTE CIGANDA, JUDIT, ES
[72] INCHAURRAGA CASADAMON, LAURA, ES
[72] RUIZ GATON, LUISA FERNANDA, ES
[72] MARTIN ARBELLA, NEKANE, ES
[71] INNOUP FARMA, S.L., ES
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[25] EN
[54] **2,4-DIOXO-QUINAZOLINE-6-SULFONAMIDE DERIVATIVES AS INHIBITORS OF PARG**
[54] **DERIVES DE 2,4-DIOXO-QUINAZOLINE-6-SULFONAMIDE EN TANT QU'INHIBITEURS DE LA PARG**
[72] MCGONAGLE, ALISON E., GB
[72] JORDAN, ALLAN, GB
[72] WASZKOWYCZ, BOHDAN, GB
[72] HUTTON, COLIN, GB
[72] WADDELL, IAN, GB
[72] HITCHIN, JAMES R., GB
[72] SMITH, KATE MARY, GB
[72] HAMILTON, NIALL M., GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[54] **PARG INHIBITORY COMPOUNDS**
[54] **COMPOSES INHIBITEURS DE PARG**
[72] MCGONAGLE, ALISON E., GB
[72] JORDAN, ALLAN M., GB
[72] WASZKOWYCZ, BOHDAN, GB
[72] HUTTON, COLIN P., GB
[72] WADDELL, IAN D., GB
[72] HITCHIN, JAMES R., GB
[72] SMITH, KATE M., GB
[72] HAMILTON, NIALL M., GB
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
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[54] **INJECTABLE FORMULATIONS OF PARACETAMOL**
[54] **FORMULATIONS INJECTABLES DE PARACETAMOL**
[72] PATEL, KETAN R., IN
[72] PATEL, MILAN R., IN
[72] PATEL, ASHEEL K., IN
[72] SHAH, PRAKASHCHANDRA J., IN
[71] TROIKAA PHARMACEUTICALS LIMITED, IN
[85] 2017-05-30
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[25] EN
[54] **ORAL CARE COMPOSITIONS HAVING HIGH WATER CONTENT AND MICRO ROBUSTNESS**
[54] **COMPOSITIONS DE SOIN BUCCAL AYANT UNE TENEUR EN EAU ELEVEE ET UNE MICRO-ROBUSTESSE**
[72] KOCINSKA, AGNIESZKA, CH
[72] LAMBERT, PIERRE, CH
[71] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **METHODS FOR ESTABLISHING A VEDOLIZUMAB DOSING REGIMEN TO TREAT PATIENTS WITH IRRITABLE BOWEL DISEASE**
[54] **PROCEDES POUR ETABLIR UN REGIME DE DOSAGE DU VEDOLIZUMAB POUR TRAITER DES PATIENTS ATTEINTS DE LA MALADIE DU COLON IRRITABLE**
[72] SINGH, SHARAT, US
[72] JAIN, ANJALI, US
[72] KONDRAGUNTA, VENKATESWARLU, US
[71] NESTEC S.A., CH
[85] 2017-05-30
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[30] US (62/086,549) 2014-12-02
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[51] **Int.Cl. A61K 31/593 (2006.01) A61P 5/20 (2006.01)**
[25] EN
[54] **USE OF 2-METHYLENE-19-NOR-(20S)-1A,25-DIHYDROXYVITAMIN D3 TO TREAT PRIMARY HYPERPARATHYROIDISM**
[54] **UTILISATION DE 2-METHYLENE-19-NOR-(20S)-1?,25-DIHYDROXYVITAMINE D3 POUR TRAITER L'HYPERPARATHYROIDIE PRIMAIRE**
[72] DELUCA, HECTOR F., US
[72] PLUM, LORI A., US
[72] CLAGETT-DAME, MARGARET, US
[71] WISCONSIN ALUMNI RESEARCH FOUNDATION, US
[85] 2017-05-30
[86] 2015-12-11 (PCT/US2015/065174)
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[25] EN
[54] **AMINOACID-BASED COMPOSITION FOR FIBROELASTIN RECOVERY IN DERMAL CONNECTIVE TISSUES**
[54] **COMPOSITION A BASE D'ACIDES AMINES PERMETTANT DE REDONNER A DES TISSUS CONJONCTIFS DERMIQUES LEUR CARACTERE FIBROELASTIQUE**
[72] GIORGETTI, PAOLO, IT
[71] PROFESSIONAL DIETETICS S.P.A., IT
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[86] 2015-12-03 (PCT/IB2015/059330)
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[25] EN
[54] **NOVEL ACETALS OF 1-(3,3-DIMETHYLCYCLOHEX-1-ENYL) ETHANONE, METHOD FOR THE PRODUCTION THEREOF AND USE OF SAME IN PERFUMERY**
[54] **NOUVEAUX ACETALS DE LA 1-(3,3-DIMETHYLCYCLOHEX-1-ENYL) ETHANONE, LEUR PROCEDE DE PREPARATION AINSI QUE LEUR UTILISATION EN PARFUMERIE**
[72] MURATORE, AGNES, FR
[72] MAHAIM, CYRIL, CH
[71] V. MANE FILS, FR
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR ADOPTIVE CELL THERAPY**
[54] **PROCEDES ET COMPOSITIONS POUR THERAPIE CELLULAIRE ADOPTIVE**
[72] GILBERT, MARK J., US
[71] JUNO THERAPEUTICS, INC., US
[85] 2017-05-31
[86] 2015-12-03 (PCT/US2015/063839)
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[25] EN
[54] **LINEAR POLYSACCHARIDE BASED FILM PRODUCTS**
[54] **PRODUITS DE FILM A BASE DE POLYSACCHARIDE LINEAIRE**
[72] MYERS, GARRY L., US
[72] LI, MICHAEL, US
[72] BOGUE, BEUFORD ARLIE, US
[72] DADEY, ERIC, US
[71] MONOSOL RX, LLC, US
[85] 2017-05-31
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[25] EN
[54] **1-AMINO-TRIAZOLO(1,5-A)PYRIDINE-SUBSTITUTED UREA DERIVATIVE AND USES THEREOF**
[54] **DERIVE D'UREE A SUBSTITUTION 1-AMINO-TRIAZOLO(1,5-A)PYRIDINE ET UTILISATIONS DE CELUI-CI**
[72] NOWAK, PAWEL WOJCIECH, US
[72] NGUYEN, MINH NGOC, US
[72] ENLOW, ELIZABETH, US
[72] ONG, WINSTON ZAPANTA, US
[71] KALA PHARMACEUTICALS, INC., US
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[25] EN
[54] **DUAL COMPONENT DENSITY SAMPLER APPARATUS**
[54] **DOUBLE ECHANTILLONNEUR DE DENSITES DE COMPOSANTS**
[72] MCCRICKARD, JAMES P., US
[72] PETERSON, RONALD G., US
[72] BECK, THOMAS L., US
[72] MACDONALD, MICHAEL A., US
[72] DRY, MICHAEL D., US
[71] UNICO, INC., US
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[30] US (62/092,995) 2014-12-17
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[25] EN
[54] **METHODS OF MEASURING ERBB SIGNALING PATHWAY ACTIVITY TO DIAGNOSE AND TREAT CANCER PATIENTS**
[54] **PROCEDES DE MESURE DE L'ACTIVITE DE LA VOIE DE SIGNALISATION ERBB POUR DIAGNOSTIQUER ET TRAITER DES PATIENTS ATTEINTS D'UN CANCER**
[72] SULLIVAN, BRIAN FRANCIS, US
[72] LAING, LANCE GAVIN, US
[71] CELCUITY LLC, US
[85] 2017-05-31
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[30] US (62/091,180) 2014-12-12

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[51] **Int.Cl. A61K 47/32 (2006.01) A61K 9/14 (2006.01) A61K 31/137 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING PHENYLEPHRINE RESINATE PARTICLES; PHENYLEPHRINE RESINATE PARTICLES; AND USE OF PHENYLEPHRINE RESINATE PARTICLES IN PHARMACEUTICAL FORMULATIONS**
[54] **PROCEDE DE FABRICATION DE PARTICULES DE RESINATE DE PHENYLEPHRINE ; PARTICULES DE RESINATE DE PHENYLEPHRINE ET UTILISATION DES PARTICULES DE RESINATE DE PHENYLEPHRINE DANS DES FORMULATIONS PHARMACEUTIQUES**
[72] CHEN, VINCENT W., US
[72] LI, SHUN-POR, US
[72] KOCH, EDWARD A., US
[72] LEE, DER-YANG, US
[72] WALDMAN, JOEL, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
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[30] US (62/091,096) 2014-12-12

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[25] EN
[54] **VACCINES BASED ON HEPATITIS B CORE ANTIGENS**
[54] **VACCINS BASES SUR DES ANTIGENES DE LA NUCLEOCAPSIDE DU VIRUS DE L'HEPATITE B**
[72] WHELAN, MICHAEL ANTHONY, GB
[72] RAMIREZ CEBALLOS, ALEJANDRO, GB
[72] CRESENTE, VINCENZO, GB
[71] IQUR LIMITED, GB
[85] 2017-06-01
[86] 2015-12-03 (PCT/GB2015/053699)
[87] (WO2016/087863)
[30] GB (1421692.3) 2014-12-05

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[51] **Int.Cl. A61K 8/46 (2006.01) A61K 8/92 (2006.01) A61Q 19/10 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **CLEANSING BARS WITH TAURINE**
[54] **PAINS DE NETTOYAGE CONTENANT DE LA TAURINE**
[72] NABI, ZEENAT, US
[72] DUBOVOY, VIKTOR, US
[72] MASTRULL, JEFFREY, US
[72] TALANCON, DANIEL, MX
[72] CHENG, SHUJIANG, US
[72] DU-THUMM, LAURENCE, US
[72] PAN, LONG, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-06-01
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[54] **HYDROFORMYLATION PROCESS**
[54] **PROCEDE D'HYDROFORMYLATION**
[72] BRAMMER, MICHAEL A., US
[72] PHILLIPS, GEORGE R., US
[72] EISENSCHMID, THOMAS C., US
[72] COX, IRVIN B., US
[72] HETTERLEY, ROBERT, GB
[72] BAINBRIDGE, MICHAEL JOHN, GB
[71] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2017-06-01
[86] 2015-11-18 (PCT/US2015/061332)
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[30] US (62/087,572) 2014-12-04

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[25] EN
[54] **METAL SALT COMPOSITIONS**
[54] **COMPOSITIONS DE SEL METALLIQUE**
[72] JARACZ, STANISLAV, US
[72] TRIVEDI, HARSH M., US
[72] SCHAEFFER-KORBYLO, LYNDSAY, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2017-06-01
[86] 2015-12-15 (PCT/US2015/065879)
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[30] US (62/092,509) 2014-12-16

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[51] **Int.Cl. C07D 213/78 (2006.01) A61K 31/18 (2006.01) A61K 31/19 (2006.01) A61K 31/381 (2006.01) A61K 31/415 (2006.01) A61K 31/44 (2006.01) A61K 31/5375 (2006.01) A61P 31/20 (2006.01) C07C 323/62 (2006.01) C07D 231/18 (2006.01) C07D 295/192 (2006.01) C07D 333/34 (2006.01)**
[25] EN
[54] **SULFIDE ALKYL AND PYRIDYL REVERSE SULFONAMIDE COMPOUNDS FOR HBV TREATMENT**
[54] **COMPOSES DE SULFONAMIDE INVERSE A BASE DE SULFURE, ALKYLE ET PYRIDYLE POUR LE TRAITEMENT DU VHB**
[72] CHEN, AUSTIN, US
[72] BRAVO, YALDA, US
[72] STOCK, NICHOLAS, US
[72] PEDRAM, BIJAN, US
[72] JACINTHO, JASON, US
[72] CLARK, RYAN C., US
[72] TRUONG, YEN, US
[71] NOVIRA THERAPEUTICS, INC., US
[85] 2017-06-01
[86] 2015-12-02 (PCT/US2015/063417)
[87] (WO2016/089990)
[30] US (62/086,323) 2014-12-02
[30] US (62/097,854) 2014-12-30

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[13] A1
[51] **Int.Cl. A61K 47/54 (2017.01) A61K 47/51 (2017.01)**
[25] EN
[54] **BIOMOLECULE CONJUGATES**
[54] **CONJUGUES DE BIOMOLECULE**
[72] SCHWARTZ, ERIC, US
[72] D'AGOSTINO, LAURA AKULLIAN, US
[72] CUERVO, HERNAN, US
[72] AUSTIN, WESLEY, US
[71] CELGENE CORPORATION, US
[85] 2017-06-01
[86] 2015-12-03 (PCT/US2015/063774)
[87] (WO2016/090157)
[30] US (62/087,369) 2014-12-04

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[13] A1
[51] **Int.Cl. A61K 38/42 (2006.01) A61K 9/00 (2006.01) A61K 9/14 (2006.01) A61K 9/16 (2006.01) A61K 47/30 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR INDUCING NANOPARTICLE-MEDIATED MICROVASCULAR EMBOLIZATION OF TUMORS**
[54] **COMPOSITIONS ET METHODES POUR L'INDUCTION DE L'EMBOLISATION MICROVASCULAIRE DE TUMEURS PAR DES NANOPARTICULES**
[72] GHOROGHCHIAN, P. PETER, US
[71] VINDICO NANOBIOTECHNOLOGY, LLC, US
[85] 2017-06-02
[86] 2015-12-03 (PCT/US2015/063684)
[87] (WO2016/090111)
[30] US (62/088,199) 2014-12-05
[30] US (62/127,557) 2015-03-03

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[51] **Int.Cl. C07D 487/04 (2006.01) A61K 31/4985 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01)**
[25] EN
[54] **4,6-SUBSTITUTED-PYRAZOLO[1,5-A]PYRAZINES AS JANUS KINASE INHIBITORS**
[54] **PYRAZOLO[1,5-A] PYRAZINES SUBSTITUEES EN 4,6 EN TANT QU'INHIBITEURS DE LA JANUS KINASE**
[72] ALLEN, SHELLEY, US
[72] BOYS, MARK LAURENCE, US
[72] CHICARELLI, MARK J., US
[72] FELL, JAY BRADFORD, US
[72] FISCHER, JOHN P., US
[72] GAUDINO, JOHN, US
[72] HICKEN, ERIK JAMES, US
[72] HINKLIN, RONALD JAY, US
[72] KRASER, CHRISTOPHER F., US
[72] LAIRD, ELLEN, US
[72] ROBINSON, JOHN E., US
[72] TANG, TONY P., US
[72] BURGESS, LAURENCE E., US
[72] RIEGER, ROBERT ANDREW, US
[72] PHENEGER, JED, US
[72] SATOH, YOSHITAKA, US
[72] LEFTHERIS, KATERINA, US
[72] RAHEJA, RAJ K., US
[72] BENNETT, BRYDON L., US
[71] ARRAY BIOPHARMA INC., US
[71] CELGENE CORPORATION, US
[85] 2017-06-02
[86] 2015-12-04 (PCT/US2015/064062)
[87] (WO2016/090285)
[30] US (62/088,068) 2014-12-05

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[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 9/00 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **HYDROGEL DRUG DELIVERY IMPLANTS**
[54] **IMPLANTS D'ADMINISTRATION DE MEDICAMENT A BASE D'HYDROGEL**
[72] JARRETT, PETER, US
[72] EL-HAYEK, RAMI, US
[72] SAWHNEY, AMARPREET S., US
[71] INCEPT, LLC, US
[85] 2017-06-02
[86] 2015-12-10 (PCT/US2015/064975)
[87] (WO2016/094646)
[30] US (62/089,994) 2014-12-10

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[51] **Int.Cl. C07D 213/71 (2006.01) A61K 31/40 (2006.01) A61K 31/44 (2006.01) C07D 295/192 (2006.01)**
[25] EN
[54] **SULFONAMIDE DERIVATIVES, COMPOSITIONS AND METHODS OF USE IN THE TREATMENT OF NEURODEGENERATIVE DISEASES**
[54] **DERIVES DE SULFONAMIDE, COMPOSITIONS ET PROCEDES D'UTILISATION DANS LE TRAITEMENT DE MALADIES NEURODEGENERATIVES**
[72] LARSEN, GLENN R., US
[72] WEIGELE, MANFRED, US
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[54] **COMPOSES D'ACIDES D'ISOXAZOLE EN TANT QU'INHIBITEURS DE LPXC**
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[72] JIN, XIANMING, US
[72] KARUR, SUBRAMANIAN, US
[72] LAPOINTE, GUILLAUME, US
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[54] **APPRATUS AND METHOD FOR DETECTING HEART MURMURS**
[54] **APPAREIL ET PROCEDE DE DETECTION DE SOUFFLES CARDIAQUES**
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[72] DOROSHOW, ROBIN, US
[72] KANG, SUKRYOOL, US
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[54] **PETITES MOLECULES PERMETTANT LE RAJEUNISSEMENT DU CARTILAGE**
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[72] VAN HANDEL, BENJAMIN J., US
[72] JOHN, VARGHESE, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[72] MURAKAMI, KAZUMA, JP
[72] SHIMIZU, TAKAHIKO, JP
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[54] **METHOD OF PURIFYING ALBUMIN-FUSION PROTEINS**
[54] **PROCEDE DE PURIFICATION DE PROTEINES DE FUSION D'ALBUMINE**
[72] PABST, TIMOTHY, UY
[72] FONSECA, MARIKO, US
[72] THOMPSON, CHRISTOPHER, US
[72] HUNTER, ALAN, US
[72] WANG, XIANGYANG, US
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[54] **CAPTEUR PIEZOELECTRIQUE ET INSTRUMENT COMPORTANT UN TEL CAPTEUR**
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[72] VINCENT, BRICE, FR
[72] BADIE, LAURENT, FR
[71] UNIVERSITE DE LORRAINE, FR
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[54] **METAL OXIDE PARTICLES AND METHOD OF PRODUCING THEREOF**
[54] **PARTICULES D'OXYDES METALLIQUES ET PROCEDE DE FABRICATION DE CELLES-CI**
[72] KHASIN, ERNST, IL
[71] PHINERGY LTD., IL
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[54] **CONVERTISSEUR DE PUISSANCE**
[72] SCHULT, MATTHIAS, CH
[72] SCHLEGEL, CHRISTIAN, CH
[72] FLUM, DOMINIK, DE
[72] ECKERLE, JOHN, CH
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[54] **METHOD OF MANUFACTURING AN INK-JET PRINTHEAD**
[54] **PROCEDE DE FABRICATION D'UNE TETE D'IMPRESSION A JET D'ENCRE**
[72] GIOVANOLA, LUCIA, IT
[72] BALDI, SILVIA, IT
[72] MERIALDO, ANNA, IT
[72] SCHINA, PAOLO, IT
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[72] DE MEIJER, MATHIJS, NL
[72] VAN ROOIJEN, REMY, NL
[72] SCHOUTEN, MARINUS, NL
[72] DE JONG, THOMAS, NL
[72] LEUPE, BOAZ SAMUEL, NL
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[54] **TRANSMITTER AND SHORTENING METHOD THEREOF**
[54] **EMETTEUR ET SON PROCEDE DE RACCOURCISSEMENT**
[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[72] JEONG, HONG-SIL, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **APPAREIL COMPRENANT UN AGENCEMENT DE CAPTEURS ET PROCEDES DE FABRICATION ASSOCIES**
[72] WHITE, RICHARD, GB
[72] ALLEN, MARK, GB
[71] EMBERION OY, FI
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[54] **SYSTEME DE MESURE DE TEMPERATURE COMPRENANT UN TRANSPONDEUR ELECTROMAGNETIQUE ET UNE ANTENNE PASSIVE A CHANGEMENT D'IMPEDANCE DISTINCTE**
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[71] TSI TECHNOLOGIES LLC, US
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[54] **PROCEDE DE FABRICATION D'UN SYSTEME DE CONNECTEUR A ENFICHER**
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[71] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[54] **TRANSMITTER AND METHOD FOR GENERATING ADDITIONAL PARITY THEREOF**
[54] **EMETTEUR ET PROCEDE DE GENERATION DE PARITE SUPPLEMENTAIRE DE CELUI-CI**
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[72] KIM, KYUNG-JOONG, KR
[72] MYUNG, SE-HO, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **TRANSMITTER AND PUNCTURING METHOD THEREOF**
[54] **EMETTEUR ET SON PROCEDE DE PERFORATION**
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[54] **EMETTEUR ET SON PROCEDE DE SEGMENTATION**
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[72] POLKER, THOMAS, DE
[72] OSTER, PATRICK, DE
[72] KLAGES, KILIAN, DE
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[54] **ENSEMBLE BATI DE REPARTITION DE PUISSANCE**
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[72] LEIVERS, CHRISTOPHER ANDREW, GB
[72] COLLINS, JOHN OLIVER, US
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[54] **TRANSMITTER AND PARITY PERMUTATION METHOD THEREOF**
[54] **EMETTEUR ET PROCEDE DE PERMUTATION DE PARITE ASSOCIE**
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[72] KIM, KYUNG-JOONG, KR
[72] JEONG, HONG-SIL, KR
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[54] **MOTOR CONTROL CENTER UNIT WITH RETRACTABLE STAB ASSEMBLY AND METHODS OF ASSEMBLYING THE SAME**
[54] **UNITE CENTRALE DE COMMANDE DE MOTEUR AVEC ENSEMBLE A LAMES RETRACTABLE ET PROCEDES D'ASSEMBLAGE ASSOCIES**
[72] PHARNE, AJIT, US
[71] SIEMENS INDUSTRY, INC., US
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[54] **UNITE CENTRALE DE COMMANDE DE MOTEUR AVEC ENSEMBLE A LAMES RETRACTABLE ET PROCEDES D'UTILISATION ASSOCIES**
[72] ALI, ALI, US
[72] KAMINSKI, JOHN, US
[72] LORD, JEFFREY D., US
[72] PHARNE, AJIT, US
[71] SIEMENS INDUSTRY, INC., US
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[54] **PLATE HOLDER FOR HOLDING A LICENSE PLATE, IN PARTICULAR COMPRISING A RADIO FREQUENCY TRANSPONDER**
[54] **PORTE-PLAQUE DESTINE A MAINTENIR UNE PLAQUE D'IDENTIFICATION, EN PARTICULIER AVEC UN TRANSPONDEUR PAR RADIOFREQUENCE**
[72] PROBACH, NICOLE, DE
[72] OSTER, PATRICK, DE
[71] PHOENIX CONTACT GMBH & CO. KG, DE
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[54] **SYSTEME D'ACQUISITION ET DE CONTROLE DE DONNEES (SCADA) DYNAMIQUE**
[72] KAJITA, MARCOS SUGURU, US
[72] CHAPMAN, CLINTON D., US
[72] JWAIR, HASANAIN, US
[72] CHANCEY, BRIAN DALE, US
[72] MU, NAN, SG
[72] LOPEZ, MIGUEL ANGEL, US
[72] GRASHAM, WILLIAM, US
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[54] **CONTROLLED RELEASE MATRIX BARRIER STRUCTURE FOR SUBCUTANEOUS MEDICAL DEVICES**
[54] **STRUCTURE BARRIERE A MATRICE A LIBERATION CONTROLEE POUR DISPOSITIFS MEDICAUX SOUS-CUTANES**
[72] BURTON, KEVIN W., US
[72] MCGONIGLE, JOSEPH SCHMIDT, US
[72] KURDYUMOV, ALEKSEY V., US
[72] MISSLING, JEFFREY J., US
[72] LOCKWOOD, NATHAN A., US
[72] PETERSEN, BETH A., US
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[25] EN
[54] **WORKING FLUID CASSETTE WITH HINGED PLENUM OR ENCLOSURE FOR INTERFACING HEAT EXCHANGER WITH INTRAVASCULAR TEMPERATURE MANAGEMENT CATHETER**
[54] **CASSETTE DE FLUIDE DE TRAVAIL AVEC PLENUM OU ENCEINTE A CHARNIERE POUR L'INTERFACAGE D'ECHANGEUR DE CHALEUR AVEC UN CATHETER DE GESTION DE TEMPERATURE INTRAVASCULAIRE**
[72] PAMICHEV, CHRISTO PETROV, US
[72] DABROWIAK, JEREMY THOMAS, US
[71] ZOLL CIRCULATION, INC., US
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[54] **PESTICIDAL GENES AND METHODS OF USE**
[54] **GENES PESTICIDES ET LEURS PROCEDES D'UTILISATION**
[72] PARKS, JESSICA, US
[72] ROBERTS, KIRA BULAZEL, US
[72] THAYER, REBECCA E., US
[71] AGBIOME, INC., US
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[54] **UV-ABSORBING NANOCRYSTAL CONTAINING COMPOSITE**
[54] **COMPOSITE CONTENANT UN NANOCRISTAL D'ABSORPTION DU RAYONNEMENT UV**
[72] BEIER, CHRISTOPHER, WADE, US
[72] YUHASZ, WILLIAM, MICHAEL, US
[72] HILLEGASS, MARY, ELIZABETH, US
[72] MUSICK, MICHAEL, DAVID, US
[71] THE SHEPHERD COLOR COMPANY, US
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[25] EN
[54] **COMPOSITION AND METHODS OF GENOME EDITING OF B-CELLS**
[54] **COMPOSITION ET PROCEDES DE CORRECTION GENOMIQUE DE CELLULES B**
[72] GOLDBERG, MICHAEL, US
[72] GREINER, VERA, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-09-26
[86] 2016-04-04 (PCT/US2016/025920)
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[25] EN
[54] **FUSION PROTEINS**
[54] **PROTEINES DE FUSION**
[72] BALDWIN, DAVID BRUCE, US
[72] BEALS, JOHN MICHAEL, US
[72] DAY, JONATHAN WESLEY, US
[72] DICKINSON, CRAIG DUANE, US
[72] KORYTKO, ANDREW IHOR, US
[72] LAZAR, GREGORY ALAN, US
[71] ELI LILLY AND COMPANY, US
[85] 2017-09-26
[86] 2016-04-28 (PCT/US2016/029807)
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[30] US (62/158,079) 2015-05-07

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[25] EN
[54] **NOVEL COMPOSITE OF IRON COMPOUND AND GRAPHENE OXIDE**
[54] **NOUVEAU COMPOSITE DE COMPOSE DE FER ET D'OXYDE DE GRAPHENE**
[72] KINOSHITA, ISAMU, JP
[72] HASHIMOTO, HIDEKI, JP
[72] ISOBE, KIYOSHI, JP
[72] SERA, YOSHIHIKO, JP
[72] YAMASHITA, EIJI, JP
[72] HORIBE, TOMOKO, JP
[71] FUJI CHEMICAL INDUSTRIES CO., LTD., JP
[71] KWANSEI GAKUIN EDUCATIONAL FOUNDATION, JP
[85] 2017-09-27
[86] 2016-03-25 (PCT/JP2016/059776)
[87] (WO2016/158806)
[30] JP (2015-066945) 2015-03-27

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[51] **Int.Cl. C12H 1/14 (2006.01) A23L 33/105 (2016.01) A23B 4/20 (2006.01) A23B 7/154 (2006.01) A23L 2/44 (2006.01) A23L 3/3472 (2006.01) C12G 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR THE PREPARATION OF A WATER-SOLUBLE EXTRACT OF A VEGETABLE BIOMASS**
[54] **PROCEDE POUR LA PREPARATION D'UN EXTRAIT HYDROSOLUBLE D'UNE BIOMASSE VEGETALE**
[72] CLARIJS, JOHANNES ALBERTUS LAURENTIUS, NL
[72] MARIJNISSEN, JOHANNES ADRIANUS ANTONIUS, NL
[71] TERRA VITIS INNOVATIONS B.V., NL
[85] 2017-09-27
[86] 2016-03-30 (PCT/NL2016/050218)
[87] (WO2016/159767)
[30] NL (2014551) 2015-03-30
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[51] **Int.Cl. A61L 2/238 (2006.01) A61M 35/00 (2006.01) B65D 47/18 (2006.01)**
[25] FR
[54] **DEVICE FOR DISPENSING LIQUID FROM A STERILE PACKAGING BOTTLE**
[54] **DISPOSITIF DE DISTRIBUTION DE LIQUIDE HORS D'UN FLACON DE CONDITIONNEMENT STERILE**
[72] DEFEMME, ALAIN, FR
[72] MERCIER, FABRICE, FR
[71] LABORATOIRES THEA, FR
[85] 2017-09-27
[86] 2016-03-31 (PCT/IB2016/000408)
[87] (WO2016/156968)
[30] IB (PCT/IB2015/000423) 2015-03-31

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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 39/00 (2006.01) C07K 16/46 (2006.01)**
[25] EN
[54] **ANTIGEN BINDING COMPLEX HAVING AGONISTIC ACTIVITY AND METHODS OF USE**
[54] **COMPLEXE DE LIAISON A L'ANTIGENE A ACTIVITE AGONISTE ET SES PROCEDE D'UTILISATION**
[72] LAZAR, GREG, US
[72] KIM, JEONG, US
[72] ZHU, JING, US
[72] YANG, YANLI, US
[72] BREZSKI, RANDALL, US
[71] GENENTECH, INC., US
[85] 2017-09-27
[86] 2016-04-06 (PCT/US2016/026245)
[87] (WO2016/164480)
[30] US (62/144,237) 2015-04-07
[30] US (62/207,315) 2015-08-19
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[51] **Int.Cl. C07H 21/04 (2006.01) C09K 8/54 (2006.01) C12N 1/20 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **PCR AMPLIFICATION METHODS FOR DETECTING AND QUANTIFYING SULFATE-REDUCING BACTERIA IN OILFIELD FLUIDS**
[54] **PROCEDES D'AMPLIFICATION PAR PCR POUR DETECTER ET QUANTIFIER DES BACTERIES QUI REDUISENT LES SULFATES DANS DES FLUIDES DE GISEMENT DE PETROLE**
[72] LEE, CRYSTAL, US
[72] SHARMA, NEIL, US
[72] REEVES, ANGELA, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-09-06
[86] 2016-03-11 (PCT/US2016/022071)
[87] (WO2016/145344)
[30] US (62/132,195) 2015-03-12
[30] US (15/066,421) 2016-03-10

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[51] **Int.Cl. C02F 3/34 (2006.01) C02F 3/02 (2006.01) C02F 3/30 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **MICROBIAL COMPOSITIONS AND METHODS FOR DENITRIFICATION AT HIGH DISSOLVED OXYGEN LEVELS**
[54] **COMPOSITIONS MICROBIENNES ET PROCEDES POUR LA DENITRIFICATION A DES TAUX D'OXYGENE DISSOUS ELEVES**
[72] SHOWELL, MICHAEL S., US
[72] GORSUCH, JOHN, US
[72] ROBERTS, JOSEPH, US
[71] BIOWISH TECHNOLOGIES, INC., US
[85] 2017-09-27
[86] 2016-05-05 (PCT/US2016/030979)
[87] (WO2016/179390)
[30] US (62/157,327) 2015-05-05

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[51] **Int.Cl. C12N 1/14 (2006.01) A01N 63/04 (2006.01) A01P 5/00 (2006.01)**
[25] EN
[54] **ASPERGILLUS NIGER F22 STRAIN HAVING NEMATICIDAL ACTIVITY AGAINST PLANT-PARASITIC NEMATODES, AND USE THEREOF**
[54] **SOUCHE D'ASPERGILLUS NIGER F22 PRESENTANT UNE ACTIVITE NEMATICIDE CONTRE DES NEMATODES PHYTOPARASITAIRES ET SON UTILISATION**
[72] KIM, JIN CHEOL, KR
[72] KIM, HUN, KR
[72] SHIN, KEE-SUN, KR
[72] JANG, JA YEONG, KR
[72] CHOI, GYUNG JA, KR
[72] CHOI, YONG HO, KR
[72] JANG, KYOUNG SOO, KR
[72] KIM, MI BANG, KR
[71] INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY, KR
[71] KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY, KR
[71] KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY, KR
[85] 2017-09-28
[86] 2016-04-06 (PCT/KR2016/003551)
[87] (WO2016/163726)
[30] KR (10-2015-0048571) 2015-04-06

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[51] **Int.Cl. A61L 31/14 (2006.01) A61M 5/00 (2006.01) B01L 9/06 (2006.01)**
[25] EN
[54] **SUPPORTING STRUCTURE FOR SEALED CARTRIDGES, TRANSPORT OR PACKAGING CONTAINER AND PROCESS**
[54] **STRUCTURE DE SUPPORT POUR CARTOUCHES SCELLEES, RECIPIENT DE TRANSPORT OU D'EMBALLAGE ET PROCEDE**
[72] NARVEKAR, ANIL NARAYAN, IN
[72] POTDAR, PRATUL PRAKASH, IN
[72] DADACHANJI, RISHAD KAIRUS, IN
[71] SCHOTT KAISHA PVT. LTD., IN
[85] 2017-09-28
[86] 2015-10-16 (PCT/IN2015/000394)
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[30] IN (1590/MUM/2015) 2015-04-17

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[51] **Int.Cl. B01J 31/00 (2006.01) A23L 3/3562 (2006.01) C02F 1/70 (2006.01)**
[25] EN
[54] **CATALYTIC OXIDATION/REDUCTION COMPOSITIONS AND ARTICLES**
[54] **COMPOSITIONS D'OXYDO-REDUCTION CATALYTIQUE ET ARTICLES**
[72] THATTE, MRUNAL R., US
[72] SOLOVYOV, STANISLAV E., US
[72] POWERS, THOMAS H., US
[71] MULTISORB TECHNOLOGIES, INC., US
[85] 2017-09-28
[86] 2015-03-31 (PCT/US2015/023642)
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[51] **Int.Cl. A61L 31/14 (2006.01) A61B 17/56 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61L 31/06 (2006.01)**
[25] EN
[54] **BONE GRAFT CAGE**
[54] **CAGE DE GREFFE OSSEUSE**
[72] LARSEN, SCOTT, US
[72] HAMEL, ROSS, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2017-09-28
[86] 2016-02-24 (PCT/US2016/019302)
[87] (WO2016/160180)
[30] US (14/675,266) 2015-03-31

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[51] **Int.Cl. A61L 31/14 (2006.01) A61B 17/56 (2006.01) A61F 2/28 (2006.01) A61F 2/30 (2006.01) A61L 31/06 (2006.01)**
[25] EN
[54] **BONE GRAFT CAGE**
[54] **LOGEMENT POUR GREFFE OSSEUSE**
[72] LARSEN, SCOTT, US
[72] HAMEL, ROSS, US
[72] PIERSON, GLEN, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2017-09-28
[86] 2016-02-24 (PCT/US2016/019315)
[87] (WO2016/160183)
[30] US (14/675,313) 2015-03-31

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[13] A1
[51] **Int.Cl. B65G 43/02 (2006.01) B65G 15/00 (2006.01) F16P 7/02 (2006.01)**
[25] EN
[54] **CONVEYOR BELT MONITOR**
[54] **MONITEUR DE CONVOYEUR A BANDE**
[72] NELSON, DAVID W., US
[71] NELSON, DAVID W., US
[85] 2017-09-28
[86] 2016-03-24 (PCT/US2016/023884)
[87] (WO2016/160471)
[30] US (62/140,412) 2015-03-30
[30] US (15/073,581) 2016-03-17

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[13] A1
[51] **Int.Cl. C12N 1/12 (2006.01) C12N 1/13 (2006.01) C12N 1/36 (2006.01) C12N 9/00 (2006.01) C12N 9/02 (2006.01) C12N 9/16 (2006.01) C12N 9/24 (2006.01) C12N 15/52 (2006.01) C12N 15/53 (2006.01) C12N 15/55 (2006.01) C12N 15/56 (2006.01) C12P 7/64 (2006.01)**
[25] EN
[54] **MICROALGAE ADAPTED FOR HETEROTROPHIC CULTURE CONDITIONS**
[54] **MICRO-ALGUES CONCUES POUR DES CONDITIONS DE CULTURE HETEROTROPHES**
[72] WEE, JANICE LAU, US
[72] YUAN, DAWEI, US
[72] LU, WENHUA, US
[72] REGENTIN, RIKA, US
[72] VILLARI, JEFFREY, US
[71] TERRAVIA HOLDINGS, INC., US
[85] 2017-09-28
[86] 2016-03-30 (PCT/US2016/025023)
[87] (WO2016/160999)
[30] US (62/141,167) 2015-03-31

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[13] A1
[51] **Int.Cl. C12H 1/16 (2006.01) B01F 7/00 (2006.01) C12C 11/11 (2006.01) C12G 1/00 (2006.01) C12G 3/06 (2006.01) C12G 3/07 (2006.01)**
[25] EN
[54] **AGING OF ALCOHOLIC BEVERAGES USING CONTROLLED MECHANICALLY INDUCED CAVITATION**
[54] **VIEILLISSEMENT DE BOISSONS ALCOOLISEES EN UTILISANT LA CAVITATION CONTROLEE MECANIQUEMENT INDUITE**
[72] MANCOSKY, DOUGLAS G., US
[71] HYDRO DYNAMICS, INC., US
[85] 2017-09-28
[86] 2016-04-01 (PCT/US2016/025583)
[87] (WO2016/161303)
[30] US (62/141,595) 2015-04-01
[30] US (62/293,069) 2016-02-09
[30] US (15/085,616) 2016-03-30

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[13] A1
[51] **Int.Cl. E05B 47/00 (2006.01) E05B 67/36 (2006.01)**
[25] EN
[54] **MAGNETIC LOCK AND KEY ASSEMBLY**
[54] **ENSEMBLE SERRURE ET CLE DU TYPE MAGNETIQUE**
[72] GENTILE, FRANK L., US
[71] REXNORD INDUSTRIES, LLC, US
[85] 2017-09-28
[86] 2016-03-29 (PCT/US2016/024750)
[87] (WO2016/160829)
[30] US (14/672,360) 2015-03-30

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[13] A1
[51] **Int.Cl. C07K 16/00 (2006.01) C07K 19/00 (2006.01) C07K 14/735 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **HEAVY CHAIN CONSTANT REGIONS WITH REDUCED BINDING TO FC GAMMA RECEPTORS**
[54] **REGIONS CONSTANTES DE CHAINES LOURDES PRESENTANT UNE LIAISON REDUITE AUX RECEPTEURS FC GAMMA**
[72] DAVIS, SAMUEL, US
[72] SMITH, ERIC, US
[72] ZHANG, TONG, US
[72] PATEL, SUPRIYA, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-09-28
[86] 2016-03-30 (PCT/US2016/025051)
[87] (WO2016/161010)
[30] US (62/140,350) 2015-03-30

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[51] **Int.Cl. A23L 2/52 (2006.01) A23L 29/00 (2016.01) A23L 29/10 (2016.01) A23L 29/25 (2016.01) A23D 7/04 (2006.01) A23L 2/385 (2006.01) A23L 2/68 (2006.01) A61K 9/107 (2006.01) A23L 33/105 (2016.01)**
[25] EN
[54] **QUILLAJA-STABILIZED LIQUID BEVERAGE CONCENTRATES AND METHODS OF MAKING SAME**
[54] **CONCENTRES LIQUIDES POUR BOISSONS STABILISES PAR LE QUILLAJA ET PROCEDES DE FABRICATION ASSOCIES**
[72] PIORKOWSKI, DANIEL T., US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2017-09-28
[86] 2016-04-26 (PCT/US2016/029315)
[87] (WO2016/176182)
[30] US (14/701,342) 2015-04-30

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[51] **Int.Cl. C12N 9/24 (2006.01) A01H 5/00 (2006.01) C12N 1/19 (2006.01) C12N 5/10 (2006.01) C12N 15/56 (2006.01) C12P 1/02 (2006.01) C12P 19/14 (2006.01)**
[25] EN
[54] **POLYPEPTIDES HAVING TREHALASE ACTIVITY AND THE USE THEREOF IN PROCESS OF PRODUCING FERMENTATION PRODUCTS**
[54] **POLYPEPTIDES AYANT UNE ACTIVITE TREHALASE ET LEUR UTILISATION DANS UN PROCEDE DE PRODUCTION DE PRODUITS DE FERMENTATION**
[72] KANG, ZHENGFANG, US
[72] SCHNORR, KIRK MATTHEW, DK
[72] SKOV, LARS KOBBEROE, DK
[71] NOVOZYMES A/S, DK
[85] 2017-09-28
[86] 2016-06-13 (PCT/US2016/037224)
[87] (WO2016/205127)
[30] US (62/181,538) 2015-06-18

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[13] A1
[51] **Int.Cl. A23C 20/00 (2006.01) A23L 29/212 (2016.01) A23L 33/115 (2016.01) A23C 20/02 (2006.01)**
[25] EN
[54] **IMITATION CHEESE WITH IMPROVED MELT**
[54] **FROMAGE D'IMITATION A FONDANT AMELIORE**
[72] DIEGO, PATRICIA J., US
[72] LEVINE, BRIAN E., US
[72] HIRT, STACEY ANN, US
[72] MOCA, JUDITH GULTEN, US
[72] MCPHERSON, ANDREW EDWARD, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2017-09-28
[86] 2016-06-24 (PCT/US2016/039177)
[87] (WO2016/210228)
[30] US (62/185,333) 2015-06-26

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[51] **Int.Cl. A23C 19/086 (2006.01) A23L 5/42 (2016.01) A23L 5/43 (2016.01) A23L 5/44 (2016.01) A23L 23/00 (2016.01) A23L 23/10 (2016.01) A23C 19/09 (2006.01) A23C 20/00 (2006.01)**
[25] EN
[54] **DRY-POWDERED CHEESE COMPOSITIONS WITH NATURALLY-DERIVED COLOR BLENDS, METHOD OF MAKING AND CHEESE PRODUCT**
[54] **COMPOSITIONS DE FROMAGE SOUS FORME DE POUDRE SECHE DOTEES DE MELANGES DE SUBSTANCES COLOREES D'ORIGINE NATURELLE, PROCEDE DE FABRICATION ET PRODUIT FROMAGER**
[72] ENGELKE, AMBER LYNNE, US
[72] MCCLATCHEY, BRIDGET COLLEEN, US
[72] TOPINKA, JOHN BENJAMIN, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2017-09-28
[86] 2016-04-19 (PCT/US2016/028274)
[87] (WO2016/172100)
[30] US (62/149,957) 2015-04-20

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[51] **Int.Cl. A22C 25/08 (2006.01) A22C 25/00 (2006.01) B65G 17/12 (2006.01) B65G 17/18 (2006.01) B65G 17/42 (2006.01)**
[25] EN
[54] **TROUGH CONVEYOR, DESIGNED AND CONFIGURED FOR TRANSPORTING FISH TRAN SVERSELY TO THE LONGITUDINAL EXTENT THEREOF IN THE TRANSPORT DIRECTION TM, AND ARRANGEMENT AND METHOD FOR TRANSFERRING FISH FROM SUCH A TROUGH CONVEYOR TO A TRANSPORT MEANS DOWNSTREAM OF THE TROUGH CONVEYOR**
[54] **CONVOYEUR A BANDE A AUGES, REALISE ET MIS AU POINT POUR TRANSPORTER DES POISSONS DE MANIERE TRANSVERSALE PAR RAPPORT A LEUR EXTENSION LONGITUDINALE DANS UNE DIRECTION DE TRANSPORTTM), ET ENSEMBLE ET PROCEDE SERVANT A TRANSFERER DES POISSONS D'UN CONVOYEUR A BANDE A AUGES DE CE TYPE A UN MOYEN DE TRANSPORT DISPOSE EN AVAL DU CONVOYEUR A BANDE A AUGES**
[72] KOWALSKI, WOLFHARD, DE
[71] NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG, DE
[85] 2017-09-29
[86] 2016-03-07 (PCT/EP2016/054742)
[87] (WO2016/155977)
[30] DE (10 2015 105 164.8) 2015-04-02

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[51] **Int.Cl. B65D 25/06 (2006.01) B65B 5/02 (2006.01) B65B 11/00 (2006.01) B65B 11/06 (2006.01) B65B 43/10 (2006.01) B65B 49/02 (2006.01) B65B 59/00 (2006.01) B65D 25/38 (2006.01) B65D 43/12 (2006.01) B65D 43/20 (2006.01) B65B 5/06 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FORMING A CUSTOM-SIZED PACKAGE**
[54] **SYSTEME ET PROCEDE POUR FORMER UN PAQUET SUR MESURE**
[72] PONTI, LORENZO, IT
[72] PONTI, GIUSEPPE, IT
[71] PONTI, LORENZO, IT
[85] 2017-09-29
[86] 2016-03-30 (PCT/IB2016/051788)
[87] (WO2016/157089)
[30] IT (102015000010553) 2015-04-01

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[51] **Int.Cl. C12M 1/12 (2006.01) C12M 1/00 (2006.01) C12M 1/02 (2006.01) C12M 1/04 (2006.01) C12M 1/26 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) C12M 1/38 (2006.01) C12M 3/00 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **SYSTEM FOR VITALLY SUPPORTING ORGANISMS AND METHODS OF PROVIDING AND USING THE SAME**
[54] **SYSTEME PERMETTANT DE SUPPORTER AU NIVEAU VITAL DES ORGANISMES ET PROCEDES DE PRODUCTION ET D'UTILISATION DE CELUI-CI**
[72] CIZEK, LUKE, US
[72] OELSCHLAGER, MASON, US
[72] MCCARTY, MASON, US
[72] HAYDEN, JUSTIN, US
[72] BAIR, CANDYCE, US
[72] MAZUR, RICHARD, US
[72] TRAM, MINH DUC, US
[72] OLAIZOLA, MIGUEL, US
[71] HELIAE DEVELOPMENT, LLC, US
[85] 2017-09-29
[86] 2016-03-31 (PCT/US2016/025343)
[87] (WO2016/161159)
[30] US (14/675,432) 2015-03-31

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[51] **Int.Cl. C02F 1/00 (2006.01) A01K 63/04 (2006.01) C02F 1/50 (2006.01) C02F 1/52 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **TIME-RELEASE TABLET AND METHODS**
[54] **PASTILLE RETARD ET PROCEDES S'Y RAPPORTANT**
[72] CARLEY, JOSEPH C., US
[72] MEYERS, DEREK JAMES, US
[72] NEWMAN, DANIEL ANDERSON, US
[72] ORR, MARY W., US
[72] PLAFCAN, TIMOTHY, US
[72] SCHOBERT, CHRISTIAN, US
[71] SPECTRUM BRANDS, INC., US
[85] 2017-09-29
[86] 2016-04-01 (PCT/US2016/025643)
[87] (WO2016/161331)
[30] US (62/141,663) 2015-04-01

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[51] **Int.Cl. A61K 36/185 (2006.01) A23L 33/105 (2016.01) A61K 8/9789 (2017.01) A61P 3/00 (2006.01) C12N 9/24 (2006.01)**
[25] EN
[54] **EXTRACTS FROM PLANTS OF THE MORINGACEAE FAMILY AND METHODS OF MAKING**
[54] **EXTRAITS DE PLANTES DE LA FAMILLE DES MORINGACEES ET PROCEDES DE PRODUCTION**
[72] RASKIN, ILYA, US
[72] WATERMAN, CARRIE, US
[71] RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY, US
[85] 2017-09-29
[86] 2016-03-30 (PCT/US2016/024924)
[87] (WO2016/164224)
[30] US (14/683,730) 2015-04-10

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[54] **MONTAGE PROXIMAL D'UN CAPTEUR DE TEMPERATURE DANS UN CATHETER DE GESTION DE TEMPERATURE INTRAVASCULAIRE**
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[54] **CRISPR/CAS-RELATED METHODS AND COMPOSITIONS FOR TREATING DUCHENNE MUSCULAR DYSTROPHY AND BECKER MUSCULAR DYSTROPHY**
[54] **METHODES ET COMPOSITIONS LIEES A CRISPR/CAS POUR TRAITER LA DYSTROPHIE MUSCULAIRE DE DUCHENNE ET LA DYSTROPHIE MUSCULAIRE DE BECKER**
[72] HSU, PATRICK DAVID, US
[72] MAEDER, MORGAN LEE, US
[72] ODONNELL, PENROSE, US
[72] TYCKO, JOSHUA C., US
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[54] **VALVULE CARDIAQUE PROTHETIQUE A PROFIL BAS POUR REMPLACER UNE VALVULE MITRALE**
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[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **PROCEDE DE FABRICATION DE CRISTAUX DE ZINCATE DE CALCIUM, AINSI QUE SES UTILISATIONS**
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[71] EASYL, FR
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[54] **HIGH RESOLUTION SYSTEMS, KITS, APPARATUS, AND METHODS FOR HIGH THROUGHPUT MICROBIOLOGY APPLICATIONS**
[54] **SYSTEMES A HAUTE RESOLUTION, TROUSSES, APPAREIL, ET PROCEDES POUR APPLICATIONS DE MICROBIOLOGIE A RENDEMENT ELEVE**
[72] BLAINEY, PAUL C., US
[72] SEELY, MICHAEL W., US
[72] STOCKER, ROMAN, CH
[72] ZENGLER, KARSTEN, US
[72] CONRADSON, SCOTT, US
[72] CHRISTEY, PETER, US
[72] HALLOCK, ALEXANDER, US
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[54] **PROLIFERATION EX VIVO DE CELLULES EPITHELIALES**
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[71] PROPAGENIX INC., US
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[54] **ARN GUIDES CHIMIQUEMENT MODIFIES POUR LA REGULATION GENETIQUE MEDIEE PAR CRISPR/CAS**
[72] PORTEUS, MATTHEW H., US
[72] HENDEL, AYAL, US
[72] CLARK, JOE, US
[72] BAK, RASMUS O., US
[72] RYAN, DANIEL E., US
[72] DELLINGER, DOUGLAS J., US
[72] KAISER, ROBERT, US
[72] MYERSON, JOEL, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STRAFORD JUNIOR UNIVERSITY, US
[71] AGILENT TECHNOLOGIES, INC., US
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[54] **SYSTEME GLENOIDIEN CONVERTIBLE**
[72] HOPKINS, ANDREW, CH
[71] ZIMMER, INC., US
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[54] **VECTORS AND METHODS FOR REGENERATIVE THERAPY**
[54] **VECTEURS ET PROCEDES POUR THERAPIE REGENERATIVE**
[72] MACLELLAN, W. ROBB, US
[72] EL-NACHEF, DANNY, US
[71] UNIVERSITY OF WASHINGTON, US
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[72] PHILIP, BRIAN, GB
[71] UCL BUSINESS PLC, GB
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[25] EN
[54] **GLYCOSAMINOGLYCAN ESTERS, PROCESSES FOR THEIR PREPARATION AND THEIR USE IN FORMULATIONS FOR OPHTHALMIC USE**
[54] **ESTERS DE GLYCOSAMINOGLYCANE, PROCEDES POUR LEUR PREPARATION ET LEUR UTILISATION DANS DES FORMULATIONS A USAGE OPHTALMIQUE**
[72] BARICORDI, NIKLA, IT
[72] MERIGHI, ROBERTO, IT
[71] HYALBLUE S.R.L., IT
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[54] **METHOD AND DEVICE FOR TREATING WATER BY CONTACT WITH AN ADSORBENT MATERIAL**
[54] **PROCEDE ET DISPOSITIF DE TRAITEMENT D'UNE EAU PAR CONTACT AVEC UN MATERIAU ADSORBANT**
[72] GONZALES OSPINA, ADRIANA, FR
[72] RATTE, DAVID, FR
[71] SUEZ INTERNATIONAL, FR
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[54] **METHOD AND APPARATUS FOR ESTIMATING THE QUANTITY OF MICROORGANISMS WITHIN A TAXONOMIC UNIT IN A SAMPLE**
[54] **PROCEDE ET APPAREIL POUR ESTIMER LA QUANTITE DE MICRO-ORGANISMES A L'INTERIEUR D'UNE UNITE TAXINOMIQUE DANS UN ECHANTILLON**
[72] LIN, HENRY, NL
[72] KAMALAKARAN, SITHARTHAN, NL
[71] KONINKLIJKE PHILIPS N.V., NL
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[54] **EXOSKELETON INCLUDING A MECHANICAL ANKLE LINK HAVING TWO PIVOT AXES**
[54] **EXOSQUELETTE COMPRENANT UNE LIAISON MECANIQUE DE CHEVILLE AVEC DEUX AXES DE PIVOTEMENT**
[72] GAYRAL, THIBAULT, FR
[72] BOULANGER, ALEXANDRE, FR
[71] WANDERCRAFT, FR
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[54] **PROCEDE ET DISPOSITIF DE CONTROLE DE REACTION**
[72] DUBOIS, MICHEL, BE
[71] COCKERILL MAINTENANCE & INGENIERIE S.A., BE
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[54] **THERAPEUTIC COMPOSITIONS AND METHODS OF USE FOR TREATING CANCER**
[54] **COMPOSITIONS THERAPEUTIQUES ET LEURS METHODES D'UTILISATION POUR LE TRAITEMENT DU CANCER**
[72] GALILI, URI, GB
[72] WESTBY, MICHAEL, GB
[72] SHAW, STEVEN, GB
[71] AGALIMMUNE LIMITED, GB
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[54] **MATERIAU ET SON PROCEDE D'OBTENTION**
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[72] MANGEON, CARINE, FR
[72] RENARD, ESTELLE, FR
[72] LANGLOIS, VALERIE, FR
[71] AVRIL, FR
[71] UNIVERSITE PARIS-EST CRETEIL VAL DE MARNE (UPEC), FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
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[54] **ACCELERATEUR DE PRISE POUR UN MELANGE ADHESIF POUR CARRELAGE**
[72] ROMEGIALLI, GIANLUCA, IT
[72] FRANKE, WOLFRAM, NO
[72] CILLUFFO, GIUSEPPE, IT
[71] YARA INTERNATIONAL ASA, NO
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[54] **ANTI-FLT-1 ANTIBODIES FOR TREATING DUCHENNE MUSCULAR DYSTROPHY**
[54] **ANTICORPS ANTI-FLT-1 POUR TRAITER LA DYSTROPHIE MUSCULAIRE DE DUCHENNE**
[72] KEEFE, DENNIS, US
[72] DE HAARD, HANS, BE
[72] DE JONGE, NATALIE, BE
[72] GABRIELS, SOFIE, BE
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
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[54] **ANTI-FLT-1 ANTIBODIES IN TREATING BRONCHOPULMONARY DYSPLASIA**
[54] **ANTICORPS ANTI-FLT-1 DANS LE TRAITEMENT DE LA DYSPLASIE BRONCHOPULMONAIRE**
[72] KEEFE, DENNIS, US
[72] DE HAARD, HANS, BE
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
[85] 2017-10-05
[86] 2016-04-07 (PCT/US2016/026436)
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[54] **PROMOTEURS INDUCTIBLES DE TRICHODERMA REESEI**
[72] DERLOT, CLAIRE, FR
[72] BLANQUET, SENTA, FR
[71] IFP ENERGIES NOUVELLES, FR
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[25] EN
[54] **HUMANIZED INFLUENZA MONOCLONAL ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS MONOCLONAUX HUMANISES DIRIGES CONTRE LE VIRUS DE LA GRIPPE ET LEURS PROCEDES D'UTILISATION**
[72] MARASCO, WAYNE A., US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[85] 2017-10-05
[86] 2016-04-08 (PCT/US2016/026800)
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[25] EN
[54] **LANCE FOR TOP INJECTION IN METALLURGICAL VESSELS AND PROCESS FOR MANUFACTURING SAME**
[54] **LANCE POUR INJECTION PAR LE HAUT DANS DES CUVES METALLURGIQUES ET SON PROCESSUS DE FABRICATION**
[72] KREIERHOFF, MARTIN, DE
[72] WARMERS, CHRISTIAN, DE
[71] VESUVIUS CRUCIBLE COMPANY, US
[85] 2017-10-05
[86] 2016-04-14 (PCT/EP2016/058179)
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[25] EN
[54] **OLEAGINOUS MICROALGAE HAVING AN LPAAT ABLATION**
[54] **MICRO-ALGUES OLEAGINEUSES PRESENTANT UNE ABLATION LPAAT**
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[72] BHAT, RIYAZ, US
[72] ZHAO, XINHUA, US
[71] TERRAVIA HOLDINGS, INC., US
[85] 2017-10-05
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[30] US (62/143,711) 2015-04-06
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[25] FR
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[54] **NOYAU CERAMIQUE POUR AUBE DE TURBINE MULTI-CAVITES**
[72] PAQUIN, SYLVAIN, FR
[72] DUJOL, CHARLOTTE MARIE, FR
[72] ENEAU, PATRICE, FR
[72] JOUBERT, HUGUES DENIS, FR
[72] ROLLINGER, ADRIEN BERNARD VINCENT, FR
[71] SAFRAN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[51] **Int.Cl. B27K 3/34 (2006.01) B27K 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR CONTINUOUS ACETYLATION OF WOOD ELEMENTS**
[54] **PROCEDE D'ACETYLATION CONTINUE D'ELEMENTS EN BOIS**
[72] BENSTEAD, STEPHEN JOHN, GB
[72] KAPPEN, THEODORUS GERARDUS MARINUS MARIA, GB
[71] TRICOYA TECHNOLOGIES LTD, GB
[85] 2017-10-06
[86] 2016-04-13 (PCT/EP2016/058150)
[87] (WO2016/166180)
[30] EP (15163410.2) 2015-04-13
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[51] **Int.Cl. B27K 3/34 (2006.01) B27K 3/02 (2006.01)**
[25] EN
[54] **METHOD FOR THE ACETYLATION OF WOOD**
[54] **PROCEDE D'ACETYLATION DU BOIS**
[72] MARISSAL, DANIEL, GB
[72] KAPPEN, THEODORUS GERARDUS MARINUS MARIA, GB
[71] TRICOYA TECHNOLOGIES LTD, GB
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[86] 2016-04-13 (PCT/EP2016/058147)
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[25] EN
[54] **ORAL COMPOSITION**
[54] **COMPOSITION POUR VOIE ORALE**
[72] COATES, ANTHONY, GB
[72] HU, YANMIN, GB
[72] DHAWAN, SANJU, IN
[72] SHAH, KARTIK, IN
[71] HELPERBY THERAPEUTICS LIMITED, GB
[85] 2017-10-06
[86] 2016-04-11 (PCT/GB2016/051006)
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[30] IN (1523/MUM/2015) 2015-04-11
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[51] **Int.Cl. C09C 1/02 (2006.01) C09D 7/12 (2006.01) D21H 17/67 (2006.01)**
[25] EN
[54] **BLEND OF SURFACE MODIFIED CALCIUM CARBONATE COMPRISING PARTICLES (MCC) AND PRECIPITATED CALCIUM CARBONATE COMPRISING PARTICLES (PCC) AND ITS USES**
[54] **MELANGE DE PARTICULES COMPRENANT DU CARBONATE DE CALCIUM MODIFIE EN SURFACE (MCC) ET DE PARTICULES COMPRENANT DU CARBONATE DE CALCIUM PRECIPITE (PCC) ET SES UTILISATIONS**
[72] WERNER, DENNIS, CH
[72] LEHNER, FRITZ, CH
[72] CREMASCHI, ALAIN, FR
[71] OMYA INTERNATIONAL AG, CH
[85] 2017-10-06
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[30] EP (15164345.9) 2015-04-20
[30] US (62/153,025) 2015-04-27

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[25] EN
[54] **A NON-CALORIC SWEETENER**
[54] **EDULCORANT NON CALORIQUE**
[72] MAO, GUOHONG, US
[72] CHATURVEDULA, VENKATA SAI PRAKASH, US
[72] YU, OLIVER, US
[71] CONAGEN INC., US
[85] 2017-10-06
[86] 2015-05-05 (PCT/US2015/029163)
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[25] EN
[54] **TEMPERATURE INDICATING ENDODONTIC OBTURATION MATERIAL**
[54] **MATERIAU D'OBTURATION ENDODONTIQUE INDIQUANT LA TEMPERATURE**
[72] BERGER, TODD, US
[72] BARATZ, ADAM, US
[72] VASSEUR, JACLYN, US
[71] DENTSPLY SIRONA INC., US
[85] 2017-10-06
[86] 2016-04-06 (PCT/US2016/026179)
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[30] US (62/143,919) 2015-04-07

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[51] **Int.Cl. C09J 175/04 (2006.01) B01D 65/00 (2006.01) B01D 71/54 (2006.01)**
[25] EN
[54] **POLYURETHANE ADHESIVES FOR REVERSE OSMOSIS MODULES**
[54] **ADHESIFS EN POLYURETHANE POUR MODULES D'OSMOSE INVERSE**
[72] DEY, TANMOY, US
[72] JORDAN, RICHARD DAVID, JR., US
[72] CAUSER, MICHAEL, US
[71] ELANTAS PDG, INC., US
[85] 2017-10-06
[86] 2016-04-07 (PCT/US2016/026347)
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[30] US (62/145,504) 2015-04-09

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[13] A1
[51] **Int.Cl. C12N 7/01 (2006.01) A61K 48/00 (2006.01) C12N 5/10 (2006.01) C12N 7/00 (2006.01) C12N 15/35 (2006.01) C12N 15/864 (2006.01)**
[25] EN
[54] **PRODUCTION OF OVERSIZED ADENO-ASSOCIATED VECTORS**
[54] **PRODUCTION DE VECTEURS ADENO-ASSOCIES SURDIMENSIONNES**
[72] KYOSTIO-MOORE, SIRKKA, US
[72] SOUZA, DAVID, US
[72] VINCENT, KAREN, US
[71] GENZYME CORPORATION, US
[85] 2017-10-06
[86] 2016-04-07 (PCT/US2016/026486)
[87] (WO2016/164609)
[30] US (62/144,862) 2015-04-08
[30] US (62/220,067) 2015-09-17

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[51] **Int.Cl. H01M 8/04089 (2016.01) H01M 8/0432 (2016.01) H01M 8/0438 (2016.01) H01M 8/0662 (2016.01)**
[25] EN
[54] **METHOD AND DEVICE FOR OPERATING FUEL CELLS WITH ARTIFICIAL AIR**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE FAIRE FONCTIONNER DES PILES A COMBUSTIBLE AU MOYEN D'AIR ARTIFICIEL**
[72] MEDER, QUIRIN, DE
[71] PROTON MOTOR FUEL CELL GMBH, DE
[85] 2017-10-10
[86] 2016-04-13 (PCT/EP2016/000606)
[87] (WO2016/165824)
[30] DE (10 2015 004 827.9) 2015-04-14

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[51] **Int.Cl. C08L 33/14 (2006.01) C08J 3/09 (2006.01) C09K 8/502 (2006.01) E21B 33/00 (2006.01) E21B 43/00 (2006.01)**
[25] EN
[54] **METHOD FOR INHIBITING THE PERMEATION OF WATER IN AN EXTRACTION WELL OF A HYDROCARBON FLUID FROM AN UNDERGROUND RESERVOIR**
[54] **PROCEDE D'INHIBITION DE LA PERMEATION DE L'EAU DANS UN PUITS D'EXTRACTION D'UN FLUIDE HYDROCARBONE A PARTIR D'UN RESERVOIR SOUTERRAIN**
[72] DEL GAUDIO, LUCILLA, IT
[72] LOREFICE, ROBERTO, IT
[72] MORBIDELLI, MASSIMO SILVIO, IT
[72] MOSCATELLI, DAVIDE, IT
[71] ENI S.P.A., IT
[85] 2017-10-10
[86] 2016-04-13 (PCT/IB2016/052089)
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[30] IT (102015000011666) 2015-04-13

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[25] EN
[54] **GLAZED BAKED SNACK FOOD PRODUCTS AND GLAZE FOR SAME**
[54] **PRODUITS ALIMENTAIRES CUITS AU FOUR GLACES DE RESTAURATION RAPIDE ET GLACAGE DESTINE A CES DERNIERS**
[72] VELEZ ARGUMEDO, CATALINA MARIA, MX
[72] FERNANDEZ GOMEZ, SOFIA LETICIA, MX
[72] DE LA PENA LAVALLE, BEATRIZ ELENA, MX
[71] THE QUAKER OATS COMPANY, US
[85] 2017-10-06
[86] 2016-04-13 (PCT/US2016/027285)
[87] (WO2016/168296)
[30] US (14/684,976) 2015-04-13

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[13] A1
[51] **Int.Cl. A61K 31/40 (2006.01) A61K 31/4178 (2006.01) A61K 31/5377 (2006.01) A61K 31/573 (2006.01) A61P 1/08 (2006.01)**
[25] EN
[54] **COMBINATIONS OF AMISULPRIDE AND ANOTHER ANTI-EMETIC FOR TREATING NAUSEA AND VOMITING**
[54] **COMBINAISONS D'AMISULPRIDE ET AUTRE ANTI-EMETIQUE POUR LE TRAITEMENT DE LA NAUSEE ET DES VOMISSEMENTS**
[72] GILBERT, JULIAN CLIVE, GB
[72] GRISTWOOD, ROBERT WILLIAM, GB
[72] FOX, GABRIEL, GB
[71] ACACIA PHARMA LIMITED, GB
[85] 2017-10-10
[86] 2016-04-11 (PCT/GB2016/050998)
[87] (WO2016/162695)
[30] GB (1506116.1) 2015-04-10

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[51] **Int.Cl. A23G 9/48 (2006.01) A23G 9/20 (2006.01) A23G 9/32 (2006.01) A23G 9/38 (2006.01)**
[25] EN
[54] **A FROZEN AERATED CONFECTIONERY PRODUCT AND A METHOD FOR PREPARING SUCH A PRODUCT**
[54] **PRODUIT DE CONFISERIE AERE CONGELE ET PROCEDE DE PREPARATION D'UN TEL PRODUIT**
[72] BARTELS-ARNTZ, MARJOLEINE MARIA THEODORA GERARDA, NL
[72] ALTING, AART CORNELIS, NL
[72] WESTERBEEK, JOHANNES MARTINUS MARIA, NL
[71] FRIESLANDCAMPINA NEDERLAND B.V., NL
[85] 2017-10-10
[86] 2016-04-15 (PCT/NL2016/050266)
[87] (WO2016/167660)
[30] EP (15163631.3) 2015-04-15

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[13] A1
[51] **Int.Cl. C08G 18/09 (2006.01) C08G 18/02 (2006.01) C08G 18/16 (2006.01) C08L 75/04 (2006.01)**
[25] EN
[54] **SOLIDS BASED ON POLYISOCYANURATE POLYMERS PRODUCED UNDER ADIABATIC CONDITIONS**
[54] **MATIERES SOLIDES A BASE DE POLYMERES DE POLYISOCYANURATE PRODUITS DANS DES CONDITIONS ADIABATIQUES**
[72] MATNER, MATHIAS, DE
[72] ACHTEN, DIRK, DE
[72] LAAS, HANS-JOSEF, DE
[72] HOCKE, HEIKO, CN
[72] MAGER, DIETER, DE
[71] COVESTRO DEUTSCHLAND AG, DE
[85] 2017-10-10
[86] 2016-04-21 (PCT/EP2016/058901)
[87] (WO2016/170057)
[30] EP (15164518.1) 2015-04-21

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[13] A1
[51] **Int.Cl. C09D 123/26 (2006.01) C08J 7/04 (2006.01) C09D 129/10 (2006.01)**
[25] EN
[54] **BINDER FOR COATING OF PLASTIC SUBSTRATES WITHOUT CHEMICAL OR PHYSICAL PRETREATMENT**
[54] **LIANT DESTINE AU REVETEMENT DE SUBSTRATS EN MATIERE PLASTIQUE SANS PRETRAITEMENT CHIMIQUE NI PHYSIQUE**
[72] POSCH, MICHAEL, CH
[72] POSCH, FABIO, CH
[71] PPT IP AG, LI
[85] 2017-10-10
[86] 2016-05-09 (PCT/EP2016/060310)
[87] (WO2016/180768)
[30] DE (102015005783.9) 2015-05-09
[30] DE (102015005784.7) 2015-05-09
[30] DE (102015107289.0) 2015-05-11
[30] DE (102015111283.3) 2015-07-13
[30] EP (15186510.2) 2015-09-23

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[13] A1
[51] **Int.Cl. A24F 47/00 (2006.01)**
[25] FR
[54] **DEVICE FOR ASSEMBLING A BATTERY ELEMENT WITH THE CARTRIDGE, WITH WHICH IT IS ASSOCIATED, OF AN ELECTRONIC CIGARETTE**
[54] **DISPOSITIF D'ASSEMBLAGE D'UN ELEMENT DE BATTERIE AVEC L'EMBOUT D'UTILISATION D'UNE CIGARETTE ELECTRONIQUE AUQUEL IL EST ASSOCIE**
[72] CAI, THIERRY, FR
[71] CAI, THIERRY, FR
[85] 2017-10-10
[86] 2016-04-08 (PCT/FR2016/050819)
[87] (WO2016/166456)
[30] FR (15 53237) 2015-04-14

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[13] A1
[51] **Int.Cl. C09K 8/02 (2006.01) E21B 21/00 (2006.01) E21B 21/06 (2006.01)**
[25] EN
[54] **DRILLING FLUIDS WITH HIGH DISPERSED PHASE CONCENTRATION**
[54] **FLUIDES DE FORAGE A CONCENTRATION DE PHASE DISPERSEE ELEVEE**
[72] KULKARNI, SANDEEP D., US
[72] JAMISON, DALE E., US
[72] KULKARNI, DHANASHREE GAJANAN, IN
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-10-10
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[51] **Int.Cl. C09K 8/536 (2006.01) C09K 3/14 (2006.01) C09K 3/32 (2006.01) C09K 8/524 (2006.01)**
[25] EN
[54] **FUNCTIONALIZED SILICATE NANOPARTICLE COMPOSITION, REMOVING AND EXFOLIATING ASPHALTENES WITH SAME**
[54] **COMPOSITION DE NANOPARTICULES DE SILICATE FONCTIONNALISE, ELIMINATION ET EXFOLIATION D'ASPHALTENES AU MOYEN DE CETTE DERNIERE**
[72] MAZYAR, OLEG A., US
[72] KHABASHESKU, VALERY N., US
[72] CHAKRABORTY, SOMA, US
[72] AGRAWAL, GAURAV, US
[72] HAIN, TOBY D., US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-09-15
[86] 2016-03-17 (PCT/US2016/022776)
[87] (WO2016/149454)
[30] US (14/659,919) 2015-03-17

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[13] A1
[51] **Int.Cl. B29C 44/20 (2006.01) B29C 44/34 (2006.01) C08J 9/00 (2006.01) C08L 25/12 (2006.01)**
[25] EN
[54] **THERMALLY INSULATING FOAM WITH VERTICALLY ELONGATED CELLS**
[54] **MOUSSE D'ISOLATION THERMIQUE AYANT DES CELLULES ALLONGEES VERTICALEMENT**
[72] VO, VAN-CHAU, CH
[72] FRANKOWSKI, DAVID J., US
[72] WONG, ANSON, US
[72] COSTEUX, STEPHANE, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[85] 2017-10-10
[86] 2016-04-07 (PCT/US2016/026316)
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[30] US (62/147,838) 2015-04-15

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[13] A1
[51] **Int.Cl. A01N 63/02 (2006.01) A01P 9/00 (2006.01) C02F 1/50 (2006.01) C09D 5/14 (2006.01) C09D 5/16 (2006.01)**
[25] EN
[54] **USE OF PROTEINS TO CONTROL MOLLUSCS**
[54] **UTILISATION DE PROTEINES POUR LUTTER CONTRE LES MOLLUSQUES**
[72] BOSTON, MATT, US
[71] MARRONE BIO INNOVATIONS, INC., US
[85] 2017-10-10
[86] 2016-05-24 (PCT/US2016/033945)
[87] (WO2016/191430)
[30] US (62/167,860) 2015-05-28

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[13] A1
[51] **Int.Cl. A43B 17/00 (2006.01) A43B 7/14 (2006.01) A43B 7/22 (2006.01) A43B 17/02 (2006.01)**
[25] EN
[54] **CONTOURED SUPPORT SHOE INSOLE**
[54] **SEMELLE INTERIEURE DE CHAUSSURE A SUPPORT PROFILE**
[72] GRANGER, DAVID BRADLEY, US
[72] MARTINEZ, JACOB, US
[71] IMPLUS FOOTCARE, LLC, US
[85] 2017-10-10
[86] 2016-05-25 (PCT/US2016/034196)
[87] (WO2016/191505)
[30] US (62/167,771) 2015-05-28
[30] US (62/182,060) 2015-06-19
[30] US (62/234,212) 2015-09-29

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[51] **Int.Cl. C25B 9/06 (2006.01) C25B 1/24 (2006.01) C25B 9/18 (2006.01) C25B 9/20 (2006.01)**
[25] EN
[54] **ELECTRODE ASSEMBLY, ELECTROLYSERS AND PROCESSES FOR ELECTROLYSIS**
[54] **ENSEMBLE D'ELECTRODES, ELECTROLYSEURS ET PROCEDES POUR L'ELECTROLYSE**
[72] SHANNON, GARY MARTIN, GB
[72] REVILL, BRIAN KENNETH, FR
[71] INEOS TECHNOLOGIES SA, CH
[85] 2017-10-11
[86] 2016-04-12 (PCT/EP2016/058016)
[87] (WO2016/169812)
[30] EP (15164303.8) 2015-04-20
[30] EP (15164309.5) 2015-04-20

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[51] **Int.Cl. C25B 9/18 (2006.01) C25B 1/24 (2006.01) C25B 9/06 (2006.01) C25B 9/20 (2006.01)**
[25] EN
[54] **ELECTRODE ASSEMBLY, ELECTRODE STRUCTURES AND ELECTROLYSERS**
[54] **ENSEMBLE D'ELECTRODES, STRUCTURES D'ELECTRODES ET ELECTROLYSEURS**
[72] SHANNON, GARY MARTIN, GB
[72] REVILL, BRIAN KENNETH, FR
[71] INEOS TECHNOLOGIES SA, CH
[85] 2017-10-11
[86] 2016-04-12 (PCT/EP2016/058021)
[87] (WO2016/169813)
[30] EP (15164303.8) 2015-04-20
[30] EP (15164309.5) 2015-04-20

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[51] **Int.Cl. C09D 11/03 (2014.01) B41M 1/06 (2006.01) B41M 3/14 (2006.01) B41N 3/08 (2006.01) C09F 9/00 (2006.01)**
[25] EN
[54] **ENVIRONMENTALLY FRIENDLY INK AND FOUNTAIN SOLUTION FOR WET OFFSET PRINTING PROCESS AND WET OFFSET PRINTING PROCESS**
[54] **SOLUTION DE MOUILLAGE ET ENCRE ECOLOGIQUES DESTINE A UN PROCEDE D'IMPRESSION OFFSET HUMIDE, ET PROCEDE D'IMPRESSION OFFSET HUMIDE**
[72] LEPRINCE, CECILE, CH
[71] SICPA HOLDING SA, CH
[85] 2017-10-05
[86] 2016-07-01 (PCT/EP2016/065519)
[87] (WO2017/001666)
[30] EP (15174767.2) 2015-07-01

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[51] **Int.Cl. C09D 7/04 (2006.01) C09D 167/00 (2006.01)**
[25] EN
[54] **COATING COMPOSITION INCLUDING ALKYL OXIMES**
[54] **COMPOSITION DE REVETEMENT COMPRENANT DES OXIMES D'ALKYLE**
[72] ASIRVATHAM, EDWARD, US
[72] AMERSON, EDWIN J., US
[72] MILITCH, ERIKA D., US
[71] ADVANSIX RESINS & CHEMICALS LLC., US
[85] 2017-10-10
[86] 2016-04-19 (PCT/US2016/028290)
[87] (WO2016/172108)
[30] US (62/149,894) 2015-04-20

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[13] A1
[51] **Int.Cl. C12M 1/38 (2006.01) C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12M 1/36 (2006.01) C12M 3/00 (2006.01)**
[25] EN
[54] **CULTURING STATION FOR MICROFLUIDIC DEVICE**
[54] **STATION DE CULTURE POUR DISPOSITIF MICROFLUIDIQUE**
[72] BREINLINGER, KEITH J., US
[72] NEWSTROM, RUSSELL A., US
[72] NEVILL, J., TANNER, US
[72] MCEWEN, JASON M., US
[72] WEISBACH, DAVID A., US
[71] BERKELEY LIGHTS, INC., US
[85] 2017-10-10
[86] 2016-04-21 (PCT/US2016/028661)
[87] (WO2016/172350)
[30] US (62/178,960) 2015-04-22

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[51] **Int.Cl. B65D 65/38 (2006.01) A23B 7/152 (2006.01) A23L 3/3445 (2006.01) B32B 27/04 (2006.01) B32B 27/18 (2006.01) B65D 81/26 (2006.01) C08J 5/18 (2006.01) C08J 7/04 (2006.01)**
[25] EN
[54] **FILM**
[54] **FILM**
[72] ZEYFERT, CAROLINE, GB
[72] HEWITT, JONATHAN, GB
[72] MOFFAT, JAMIE, GB
[72] TATLOCK, ELIZABETH, GB
[72] EDKINS, ADAM, GB
[72] MATTHEWS, LAWRENCE JAMES DAVISON, GB
[71] INNOVIA FILMS LIMITED, GB
[71] FOOD FRESHNESS TECHNOLOGY HOLDINGS LIMITED, GB
[85] 2017-10-11
[86] 2016-05-11 (PCT/GB2016/051340)
[87] (WO2016/181132)
[30] GB (1508068.2) 2015-05-12

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[13] A1
[51] **Int.Cl. C09K 8/74 (2006.01) B01F 3/08 (2006.01) B01F 13/06 (2006.01) E21B 43/25 (2006.01)**
[25] EN
[54] **SUPERCRITICAL CARBON DIOXIDE EMULSIFIED ACID**
[54] **ACIDE EMULSIFIE SUPERCRITIQUE DE DIOXYDE DE CARBONE**
[72] AL-HARBI, BADER GHAZI, SA
[72] AL-OTAIBI, FAWAZ M., SA
[72] AL-KHALDI, MOHAMMED H., SA
[71] SAUDI ARABIAN OIL COMPANY, SA
[85] 2017-10-11
[86] 2015-10-15 (PCT/US2015/055649)
[87] (WO2016/167836)
[30] US (14/686,386) 2015-04-14

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[13] A1
[51] **Int.Cl. D01D 11/00 (2006.01) C04B 14/38 (2006.01) C08J 5/06 (2006.01)**
[25] EN
[54] **GRAPHITE OXIDE REINFORCED FIBER IN HOSTS SUCH AS CONCRETE OR ASPHALT**
[54] **FIBRE RENFORCEE D'OXYDE DE GRAPHITE DANS DES HOTES TELS QUE DU BETON OU DE L'ASPHALTE**
[72] CHRISTIANSEN, SEAN, US
[72] RESTREPO, DAVID, US
[72] STOLTZ, RICHARD, US
[72] BULLINGTON, JEFF, US
[71] GARMOR, INC., US
[85] 2017-10-11
[86] 2016-03-31 (PCT/US2016/025307)
[87] (WO2016/167981)
[30] US (62/146,650) 2015-04-13

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[13] A1
[51] **Int.Cl. A61K 8/49 (2006.01) A61K 8/46 (2006.01) A61Q 5/02 (2006.01)**
[25] EN
[54] **DELIVERY OF SURFACTANT SOLUBLE ANTI-DANDRUFF AGENT**
[54] **ADMINISTRATION D'AGENT ANTIPELLICULAIRE SOLUBLE DE TENSIOACTIF**
[72] CHANG, DEBORA W., US
[72] JOHNSON, ERIC SCOTT, US
[72] GLENN, ROBERT WAYNE, JR., US
[72] THOMPSON, TODD RYAN, US
[72] EDWARDS, ALLISON LYNN, US
[72] CARTER, MICHELLE LYNN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-10-11
[86] 2016-04-22 (PCT/US2016/028742)
[87] (WO2016/172409)
[30] US (62/151,702) 2015-04-23

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[13] A1
[51] **Int.Cl. C22C 21/00 (2006.01) C22C 21/10 (2006.01)**
[25] EN
[54] **IMPROVED THICK WROUGHT 7XXX ALUMINUM ALLOYS, AND METHODS FOR MAKING THE SAME**
[54] **ALLIAGES D'ALUMINIUM DE SERIE 7XXX CORROYES EPAIS AMELIORES ET PROCEDES DE PRODUCTION CORRESPONDANTS**
[72] BOSELLI, JULIEN, US
[72] LIN, JEN C., US
[72] JAMES, MARK A., US
[72] BRAY, GARY H., US
[72] BROCKENBROUGH, JOHN R., US
[71] ARCONIC INC., US
[85] 2017-10-11
[86] 2016-05-09 (PCT/US2016/031525)
[87] (WO2016/183030)
[30] US (62/159,768) 2015-05-11

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[13] A1
[51] **Int.Cl. C09D 5/12 (2006.01) C23C 22/06 (2006.01) C23C 22/78 (2006.01) C23F 11/173 (2006.01)**
[25] EN
[54] **POLYMER-CONTAINING PRE-RINSE PRIOR TO A CONVERSION TREATMENT**
[54] **PRERINCAGE CONTENANT DU POLYMERE POUR UN TRAITEMENT DE CONVERSION**
[72] CORNEN, SOPHIE, DE
[72] WAPNER, KRISTOF, DE
[72] POSNER, RALF, DE
[72] HENZE, NATASCHA, DE
[72] LILL, KIRSTEN AGNES, DE
[72] MAAS, MICHIEL GERARD, DE
[71] HENKEL AG & CO. KGAA, DE
[85] 2017-10-12
[86] 2016-04-01 (PCT/EP2016/057220)
[87] (WO2016/165958)
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[72] XALTER, RAINER, DE
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[72] RUIZ ORTA, CAROLINA, ES
[72] SEGURA FERNANDEZ, SONIA, ES
[72] MARIN PERALES, LAURA, ES
[72] GALDAMEZ PENA, ROMAN, ES
[72] BLANCO GONZALEZ, MARIA DOLORES, ES
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[54] **RUBANS POUR GAINAGE ISOLANT**
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[54] **CURABLE FILM-FORMING COMPOSITIONS CONTAINING ENCAPSULATED CATALYST COMPONENTS**
[54] **COMPOSITIONS FILMOGENES DURCISSABLES CONTENANT DES COMPOSANTS DE CATALYSEUR ENCAPSULES**
[72] MORAVEK, SCOTT J., US
[72] BOWLES, STEVEN E., US
[72] SCHWARTZMILLER, DAVINA J., US
[72] WANG, WEI, US
[72] FENN, DAVID R., US
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[54] **PROCEDES ET SYSTEMES PERMETTANT LA POLYMERISATION D'OLEFINES**
[72] SAVATSKY, BRUCE J., US
[72] PEQUENO, R. ERIC, US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **PRODUCING POLYOLEFIN PRODUCTS**
[54] **PRODUCTION DE PRODUITS POLYOLEFINIQUES**
[72] HARLAN, JEFF C., US
[72] LYNN, TIMOTHY R., US
[72] HUSSEIN, FATHI DAVID, US
[72] BOLLER, TIMOTHY M., US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **CATALYSEURS POUR COMMANDER LA RAMIFICATION DE CHAINES LONGUES**
[72] CROWTHER, DONNA J., US
[72] HARLAN, C. JEFF, US
[72] LOVELL, JACKIE, US
[72] PENG, HAIQING, US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[54] **SELECTION ET UTILISATION DE SOUCHES DE BACILLUS RESISTANT AU FROID EN TANT QUE PHYTOSTIMULANTS BIOLOGIQUES**
[72] BORRISS, RAINER, DE
[72] DIETEL, KRISTIN, DE
[72] BEIFORT, PAUL, DE
[71] ABITEP GMBH, DE
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[54] **METHOD FOR PREPARING SILICONE-TREATED FILMS OF POLYETHYLENE TEREPHTHALATE (PET)**
[54] **PROCEDE DE PREPARATION DE FILMS DE POLYETHYLENE TEREPHTALATE (PET) TRAITES AU SILICONE**
[72] DE ZAN, LORENZO, IT
[71] SILICONATURE S.P.A., IT
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[54] **BIOCONJUGATES AND USES THEREOF**
[54] **BIOCONJUGUES ET *UTILISATIONS DE CEUX-CI***
[72] PRESTWICH, GLENN, US
[72] PADERI, JOHN ERIC, US
[72] CHEN, JULIA, US
[72] BARTLETT, RUSH LLOYD, II, US
[71] SYMIC IP, LLC, US
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[54] **ADDITIVE COMPOSITIONS FOR DRILLING FLUIDS AND METHODS FOR THEIR USE**
[54] **COMPOSITION D'ADDITIF POUR FLUIDES DE FORAGE ET PROCEDES POUR LEUR UTILISATION**
[72] METTATH, SASHIKUMAR, US
[72] CHANG, ZEN-YU, US
[71] THE LUBRIZOL CORPORATION, US
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[54] **COMPOSITION DE GRAISSE LUBRIFIANTE**
[72] FISH, GARETH, US
[71] THE LUBRIZOL CORPORATION, US
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[54] **PROCEDE ET APPAREIL D'USINAGE**
[72] COOK, AUSTIN JAMES, GB
[72] CARBERRY, JONATHAN MICHAEL, GB
[72] MCMILLAN, DAVID, US
[72] DERECICHEI, ARON, US
[72] ASHMORE, CRAIG, US
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[54] **REPRODUCTION D'ECRAN A L'IDENTIQUE AVEC FAIBLE LATENCE**
[72] MAKAR, MINA AYMAN SALEH YANNI, US
[72] WANG, XIAODONG, US
[72] JIANG, HONGYU, US
[72] YU, NA, US
[72] RAVEENDRAN, VIJAYALAKSHMI, US
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[54] **STRUCTURE DE PIXELS PHOTOSENSIBLES AYANT UNE ABSORPTION DE LUMIERE ACCRUE ET IMPLANT PHOTOSENSIBLE**
[72] DETERRE, MARTIN, FR
[71] PIXIUM VISION SA, FR
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[54] **MULTI-PORT CONVERTER STRUCTURE FOR DC/DC POWER CONVERSION**
[54] **STRUCTURE DE CONVERTISSEUR MULTI-PORT POUR CONVERSION DE COURANT CC/CC**
[72] LEHN, PETER WALDEMAR, CA
[72] RANJRAM, MIKE KAVIAN, CA
[72] HAN, YUANZHENG, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
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[54] **RETROREFLECTIVE, ELONGATED, FILAMENTOUS PRODUCT, PROCESS FOR MAKING THE SAME, USES THEREOF AND PRODUCTS MADE THEREFROM**
[54] **PRODUIT FILAMENTEUX, ALLONGE, RETRO-REFLECHISSANT, PROCEDE DE FABRICATION ASSOCIE, SES UTILISATIONS ET PRODUITS FABRIQUES A PARTIR D'UN TEL PRODUIT**
[72] NOWAK, PASCAL, FR
[72] BOUCHET, ANNE, FR
[72] NIGRO, BRUNO, IT
[72] BONVENTRE, FRANCESCA, IT
[71] C.R.Y. SAS, FR
[71] MASSEBEUF TEXTILES SAS, FR
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[54] **PROCEDES DE SEQUENCAGE, DE DETERMINATION, D'APPARIEMENT, ET DE VALIDATION D'AGENTS THERAPEUTIQUES ET D'ANTIGENES SPECIFIQUES DE MALADIES**
[72] VIGNEAULT, FRANCIOS, US
[72] BRIGGS, ADRIAN WRANGHAM, US
[72] CLOUSER, CHRISTOPHER RYAN, US
[72] GOLDFLESS, STEPHEN JACOB, US
[72] TIMBERLAKE, SONIA, US
[71] ABVITRO LLC, US
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[54] **METHODS FOR DETECTING RENAL DISEASE**
[54] **PROCEDES DE DETECTION D'UNE MALADIE RENALE**
[72] YERRAMILLI, MAHALAKSHMI, US
[72] OBARE, EDWARD, US
[72] QUINN, JOHN JOSEPH, US
[72] YERRAMILLI, MURTHY VSN, US
[71] IDEXX LABORATORIES, INC., US
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[54] **COMPOSES THIOETHER UTILISES EN TANT QU'INHIBITEURS DE NITRIFICATION**
[72] NAVE, BARBARA, DE
[72] DICKHAUT, JOACHIM, DE
[72] NESVADBA, PETER, CH
[72] SISAY, MIHIRET TEKESTE, DE
[72] WISSEMEIER, ALEXANDER, DE
[72] ZERULLA, WOLFRAM, DE
[72] PASDA, GREGOR, DE
[72] WALLQUIST, OLOF, CH
[72] CUNNINGHAM, ALAN FRANCIS, CH
[71] BASF SE, DE
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[54] **PROCESSES TO MAKE INDAZOLE DERIVATIVES**
[54] **PROCEDES POUR FABRIQUER DES DERIVES D'INDAZOLE**
[72] BREAM, ROBERT NICHOLAS, GB
[72] HAYLER, JOHN DAVID, GB
[72] IRONMONGER, ALAN GEOFFREY, GB
[72] SZETO, PETER, GB
[72] WEBB, MICHAEL ROBERT, GB
[72] WHEELHOUSE, KATHERINE MARIE PENELOPE, GB
[72] WILLACY, ROBERT DAVID, GB
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED, GB
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[54] **FRAME FOR MARINE ENERGY HARVESTER**
[54] **BATI POUR DISPOSITIF DE COLLECTE D'ENERGIE MARINE**
[72] BAIRD, HAMISH BISSETT, AU
[71] BAIRD SUBSEA LTD, GB
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[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING A DETERIORATION STATE IN A SUSPENSION MEMBER FOR AN ELEVATOR**
[54] **PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER UN ETAT DE DETERIORATION DANS UN ELEMENT DE SUSPENSION POUR UN ASCENSEUR**
[72] HENNEAU, PHILIPPE, CH
[71] INVENTIO AG, CH
[85] 2017-10-25
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[54] **BROYEUR A MACHOIRES, INSTALLATION DE TRAITEMENT DE MATERIAU MINERAL ET PROCEDE POUR TRAITER UN MATERIAU MINERAL**
[72] VIILO, KEIJO, FI
[72] RANNANPAA, JANNE, FI
[71] METSO MINERALS, INC., FI
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[54] **BASE GENETIQUE POUR FUIT DE CONCOMBRE AYANT UNE PETITE LOGE CARPELLAIRE**
[72] HAARING, CORNELIS, NL
[72] HUIJBREGTS-DOORDUIN, LENA JOHANNA, NL
[71] RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V., NL
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[54] **INFUSION DEVICES FOR THERAPY RECOMMENDATIONS**
[54] **DISPOSITIFS DE PERFUSION POUR RECOMMANDATIONS THERAPEUTIQUES**
[72] YAN, JIN, US
[72] MONIRABBASI, SALMAN, US
[72] NAYLOR, ROSS H., US
[72] PALERM, CESAR C., US
[72] LINTEREUR, LOUIS J., US
[72] SOKOLOVSKYY, DMYTRO Y., US
[71] MEDTRONIC MINIMED, INC., US
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[54] **SWIM LAP COUNTING AND TIMING SYSTEM AND METHODS FOR EVENT DETECTION FROM NOISY SOURCE DATA**
[54] **SYSTEME ET PROCEDES DE CHRONOMETRAGE ET COMPTAGE DE LONGUEURS DE NATATION POUR LA DETECTION D'EVENEMENTS A PARTIR DE DONNEES DE SOURCE BRUITEES**
[72] FIRMIN, ROBERT L., US
[71] OCULA CORPORATION, US
[85] 2017-10-25
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[54] **APPARATUS FOR AND METHOD OF PROCESSING A SLURRY CONTAINING ORGANIC COMPONENTS**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'UNE BOUE LIQUIDE CONTENANT DES COMPOSANTS ORGANIQUES**
[72] ESSING, GERARDUS CORNELIS OTTO BERNARD, NL
[72] HENDRY, DOUGLAS SCOTT, NL
[71] SCW SYSTEMS B.V., NL
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[54] **CARTOUCHE POUR SYSTEME DE GENERATION D'AEROSOL**
[72] WIDMER, JEAN-MARC, CH
[72] MIRONOV, OLEG, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **METHODE D'UTILISATION DE L'ENERGIE INTERNE D'UN FLUIDE D'AQUIFERE DANS UNE USINE GEOTHERMIQUE**
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[71] VON DURING MANAGEMENT AG, CH
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[54] **APPAREIL ET PROCEDE DE SEPARATION D'ASPHALTENES D'UN CARBURANT RENFERMANT DU PETROLE**
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[72] KURSAWE, ANSGAR, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **CODE ARRANGEMENT AND CONTAINER OF SYSTEM FOR PREPARING A BEVERAGE OR FOODSTUFF**
[54] **AGENCEMENT DE CODES ET CONTENANT D'UN SYSTEME POUR LA PREPARATION D'UNE BOISSON OU D'UN PRODUIT ALIMENTAIRE**
[72] NOTH, ANDRE, CH
[71] NESTEC S.A., CH
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[54] **EQUIPEMENT DE BAIN MEDICAL**
[72] HEMMRICH, KARSTEN, DE
[72] ARSHI, ANNAHIT, DE
[72] SCHULZE, CHRISTIAN, DE
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[54] **APPAREIL D'ETIQUETAGE DE PRODUITS INDIVIDUELS**
[72] VICKTORIUS, WINFRIED, DE
[72] WOLFF, PETER, DE
[72] JUNG, ULRICH, DE
[71] ESPERA-WERKE GMBH, DE
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[54] **A TURBOMACHINERY GASKET AND A TURBOMACHINERY PROVIDED WITH SAID GASKET**
[54] **JOINT D'ETANCHEITE DE TURBOMACHINE ET TURBOMACHINE POURVUE DUDIT JOINT D'ETANCHEITE**
[72] SARRI, FRANCO, IT
[72] BERNOCCHI, ANDREA, IT
[72] SMORTI, FRANCO, IT
[71] NUOVO PIGNONE TECNOLOGIE SRL, IT
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[54] **APPAREIL DE DIAGNOSTIC DE DEFAUT POUR DES DISPOSITIFS POUR FUMER ACTIONNES PAR L'ELECTRICITE**
[72] FERNANDO, FELIX, GB
[72] BRIFCANI, NOORI MOYAD, CH
[72] HEDARCHET, STEPHANE ANTONY, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **ADENOVIRUS ONCOLYTIQUE CODANT UNE PROTEINE B7**
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[72] BROWN, ALICE CLAIRE NOEL, GB
[71] PSIOXUS THERAPEUTICS LIMITED, GB
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[54] **MEDETOMIDINE DESTINEE A ETRE UTILISEE DANS LA LUTTE CONTRE LES CRUSTACES PARASITES SUR LES POISSONS**
[72] ISAKSSON, DAN, SE
[72] MARTENSSON LINDBLAD, LENA, SE
[71] I-TECH AB, SE
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[54] **PROCEDE EN PLUSIEURS ETAPES, POUR PRODUIRE DU NO**
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[54] **TRI ET DETECTION DE GOUTTELETTES MICROFLUIDIQUES**
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[72] EUSTACE, DAVID, DE
[71] EUROPEAN MOLECULAR BIOLOGY LABORATORY, DE
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[71] PHILIP MORRIS PRODUCTS S.A., CH
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[54] **SYSTEME DE PRODUCTION D'AEROSOL ELECTRIQUE**
[72] BATISTA, RUI NUNO, CH
[72] HEDARCHET, STEPHANE ANTONY, CH
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[72] SANCHEZ GARDUNO, JAVIER, ES
[71] 20 EMMA 20 S.L., ES
[71] HEGAIN 2100 CONSULTING S.L., ES
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[54] **MAILLON DE CHAINE HYBRIDE**
[72] BOSMAN, RIGOBERT, NL
[72] WIENKE, DIETRICH, NL
[72] MARISSEN, ROELOF, NL
[72] HOMMINGA, JOZEF SIEGFRIED JOHANNES, NL
[71] DSM IP ASSETS B.V., NL
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[54] **DISQUE COMPRENANT UN ELEMENT DE BRANCHEMENT ELECTRIQUE ET UN ELEMENT DE LIAISON INSTALLE SUR CE DERNIER**
[72] WERNER, KATJA, DE
[72] RATEICZAK, MITJA, DE
[72] REUL, BERNHARD, DE
[72] SCHMALBUCH, KLAUS, DE
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **PROCEDES ET SYSTEMES POUR ALERTER UN UTILISATEUR DE LA PRESENCE D'UNE PANNE DANS UN SYSTEME ELECTROMECANIQUE DANS UNE INFRASTRUCTURE FERROVIAIRE**
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[72] SAMUELS, STEVE, GB
[71] THALES HOLDINGS UK PLC, GB
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[54] **APPAREIL ET PROCEDE DE REDUCTION DU RAPPORT PUISSANCE CRETE SUR PUISSANCE MOYENNE DANS UN SIGNAL**
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[72] PESIN, ANTHONY, FR
[71] THOMSON LICENSING, FR
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[54] **PROCEDE DE PREPARATION DE SUSPENSIONS DE MATIERE GRASSE ET PROCEDE DE PREPARATION D'EMULSIONS DE TELLES SUSPENSIONS**
[72] HOGERVORST, WIM,THEODORUS, NL
[72] MEEUSE, FREDERIK, MICHIEL, NL
[72] LEENHOUTS, ABRAHAM, NL
[72] POTMAN, RONALD, PETER, NL
[71] UNILEVER BCS LIMITED, GB
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[54] **MAILLON DE CHAINE EN POLYMERE**
[72] WIENKE, DIETRICH, NL
[72] MARISSEN, ROELOF, NL
[72] BERGSMA, OTTO, NL
[72] GRUBER, JOSEF MICHAEL, NL
[72] HABIBI, MEHDI, NL
[72] LICUP, ALBERT JAMES, NL
[72] VAN KEULEN, ALFRED, NL
[72] VAN RIJSSEL, JOS, NL
[72] YALCIN, ANIL OZAN, NL
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[54] **PROCEDE DE PRODUCTION DE COMPOSITIONS DE POLYMERE DE POLYPROPYLENE**
[72] LESKINEN, PAULI, FI
[72] WANG, JINGBO, AT
[72] LILJA, JOHANNA, FI
[72] GAHLEITNER, MARKUS, AT
[71] BOREALIS AG, AT
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[71] HOLCIM TECHNOLOGY LTD, CH
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[54] **APPAREIL ET PROCEDE PERMETTANT DE REPRODUIRE UN SIGNAL AUDIO MULTICANAL**
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[71] L-ACOUSTICS UK LIMITED, GB
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[54] **ENSEMBLE DE SURVEILLANCE POUR SYSTEME DE COMMANDE INDUSTRIELLE**
[72] JENKINS, DYLAN, DE
[71] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
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[54] **DISPOSITIF DE GESTION DU GLUCOSE SANGUIN POUR LE CALCUL D'UN BOLUS D'INSULINE**
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[72] MORIN, ROBERT W., US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
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[54] **ILLUMINATED OPHTHALMIC INFUSION LINE AND ASSOCIATED DEVICES, SYSTEMS, AND METHODS**
[54] **LIGNE DE PERFUSION OPHTALMIQUE ECLAIREE ET DISPOSITIFS, SYSTEMES ET PROCEDES ASSOCIES**
[72] KERN, THOMAS, CH
[71] NOVARTIS AG, CH
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[54] **APPAREIL DE TRI D'OBJETS**
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[71] SYSTEM S.P.A., IT
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[72] DAVID, LASZLO, HU
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[54] **SYSTEME ET PROCEDE POUR LA DECONTAMINATION D'UN DISPOSITIF DE LUMIERE**
[72] DEPREY, ERIC J., US
[72] PETERSEN, MICHAEL P., US
[72] MOSHER, ROBERT F., US
[71] MEDIVATORS INC., US
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[54] **MEUBLE AYANT UN MECANISME DE PLIAGE**
[72] HARPER, MICHAEL, US
[71] KNOLL, INC., US
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[54] **DISPOSITIF D'HUMIDIFICATION**
[72] DREW, DOUGLAS ROY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
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[54] **SUPPORT POUR TUBE DE CENTRIFUGEUSE**
[72] VANDLIK, MARK, US
[72] WALL, SHAUN, US
[72] GABELBERGER, SEPP, US
[72] RABENO, ERIC, US
[71] MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED, US
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[25] EN
[54] **DAMPING DEVICES, SYSTEMS AND METHODS FOR HOLLOW SHAFTS, STRUTS, AND BEAMS WITH BENDING MODES**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES D'AMORTISSEMENT POUR ARBRES, ELEMENTS DE SUPPORT ET POUTRES CREUX AVEC DES MODES DE FLEXION**
[72] WHITEFORD, GERALD P., US
[72] ZAMEROSKI, DANIEL, US
[71] LORD CORPORATION, US
[85] 2017-10-25
[86] 2016-05-11 (PCT/US2016/031756)
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[54] **DISPOSITIF ET PROCEDE D'ASSISTANCE D'UN UTILISATEUR DANS LE CADRE D'UNE REANIMATION CARDIO-PULMONAIRE**
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[71] INNOBLATIVE DESIGNS, INC., US
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[54] **PLATE-FORME DE TITRES CRYPTES NUMERIQUEMENT, ET PROCEDES ET SYSTEMES S'APPLIQUANT A CELLE-CI**
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[72] WILKINS, ALEC, US
[72] WELBORN, JOHN, US
[71] T0.COM, INC., US
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[54] **COMPOSITIONS AND METHODS FOR DELIVERING THERAPEUTIC AGENTS INTO THE COLON**
[54] **COMPOSITIONS ET PROCEDES POUR L'ADMINISTRATION D'AGENTS THERAPEUTIQUES DANS LE COLON**
[72] SINHA, SIDHARTHA RANJIT, US
[72] RAJADAS, JAYAKUMAR, US
[72] HABTEZION, AIDA, US
[72] PAMNANI, RAVINDER D., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
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[54] **LOT D'EQUIPEMENT DE REMORQUAGE AYANT UN CURSEUR A COSSE**
[72] CONGER, WESLEY PAUL, US
[72] BALDWIN, ADAM ROSS, US
[72] PADILLA, LUIS S., US
[72] GREENWOOD, MICHAEL CHARLES, US
[72] WEBER, DENNIS J., US
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[54] **INTERFACE UTILISATEUR TACTILE MULTIPOINT POUR UNE MISE A L'ECHELLE DE VALEUR DE RECOMPENSE DOTE D'UN SEUIL DE RUPTURE ALEATOIRE POUR SYSTEME DE JEU**
[72] DUPUIS, REUBEN, CA
[72] KEILWERT, STEFAN, AT
[72] EDSALL, SCOTT, CA
[71] IGT CANADA SOLUTIONS ULC, CA
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[54] **STABILIZATION OF SODIUM DITHIONITE BY MEANS OF VARIOUS ADDITIVES**
[54] **STABILISATION D'HYDROSULFITE DE SODIUM AVEC DIVERS ADDITIFS**
[72] BECKMANN, EBERHARD, DE
[72] WEIGUNY, SABINE, DE
[72] GARTNER, MARTIN, DE
[72] FEDERSEL, KATHARINA, DE
[71] BASF SE, DE
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[54] **METHODE DE COMMUNICATION FILAIRE AUTO-ADAPTATIVE, METHODE DE DIAGRAPHIE DE PUITS ET DISPOSITIF**
[72] PEI, BINBIN, CN
[72] ZHAO, SHUAI, CN
[72] YUE, HONGTU, CN
[72] WANG, XIAOPENG, CN
[72] ZHAO, LIYE, CN
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[54] **SOUND SYSTEM**
[54] **SYSTEME ACOUSTIQUE**
[72] FALLER, CHRISTOF, CH
[72] SCHMIDT, MARKUS, DE
[72] WALTHER, ANDREAS, DE
[72] BORSS, CHRISTIAN, DE
[72] SAARI, VILLE, DE
[72] GOTZ, PHILIPP, DE
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[54] **NOVEL PEPTIDES AND COMBINATION OF PEPTIDES AND SCAFFOLDS THEREOF FOR USE IN IMMUNOTHERAPY AGAINST COLORECTAL CARCINOMA (CRC) AND OTHER CANCERS**
[54] **NOUVEAUX PEPTIDES ET COMBINAISONS DE PEPTIDES ET ECHAFAUDAGES FORMES DE CEUX-CI DESTINES A ETRE UTILISES EN IMMUNOTHERAPIE CONTRE LE CARCINOME COLORECTAL (CRC) ET D'AUTRES CANCERS**
[72] MAHR, ANDREA, DE
[72] WEINSCHENK, TONI, DE
[72] WIEBE, ANITA, DE
[72] FRITSCHE, JENS, DE
[72] SINGH, HARPREET, DE
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[54] **ARN A NUCLEOSIDE MODIFIE DESTINE A INDUIRE UNE REPONSE IMMUNITAIRE ADAPTATIVE**
[72] TAM, YING, CA
[72] HOPE, MICHAEL J., CA
[72] WEISSMAN, DREW, US
[72] PARDI, NORBERT, US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
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[54] **METHOD FOR OPERATING A WIND TURBINE**
[54] **PROCEDE POUR FAIRE FONCTIONNER UNE EOLIENNE**
[72] ENGELKEN, SONKE, DE
[72] MIHOV, NIKOLAY, DE
[72] MENDONCA, ANGELO, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[72] DE GAILLARD, THOMAS ALAIN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **RUBAN DE FIBRES OPTIQUES, CABLE DE FIBRES OPTIQUES ET FIL DE FIBRES OPTIQUES**
[72] ISAJI, MIZUKI, JP
[72] OSATO, KEN, JP
[72] OKADA, NAOKI, JP
[71] FUJIKURA LTD., JP
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[54] **SUBSTITUTED POLYCYCLIC PYRIDONE DERIVATIVE AND PRODRUG THEREOF**
[54] **DERIVE DE PYRIDONE POLYCYCLIQUE SUBSTITUE ET PROMEDICAMENTS DE CELUI-CI**
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[72] TOMITA, KENJI, JP
[72] AKIYAMA, TOSHIYUKI, JP
[72] OKANO, AZUSA, JP
[72] MIYAGAWA, MASAYOSHI, JP
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[54] **SYSTEME DE PEINTURE A DEUX COMPOSANTS**
[72] WIKSTRAND, CARL TOMMY, SE
[72] KARJUS, KRISTIAN, SE
[72] BURSTEDT, MALIN, SE
[72] SILVANDER, MATS, SE
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[54] **ANTENNE A BALAYAGE ELECTRONIQUE 1D POUR RADAR ET COMMUNICATIONS**
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[72] CEPERLEY, DANIEL P., US
[72] KLOFAS, BRYAN, US
[72] WATTERS, DAVID, US
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[72] DURAK, THOMAS, US
[72] MALONE, MOYRA, US
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[54] **DISPOSITIF GUIDE ET PROCEDE DE FORMATION D'UNE SURFACE EN BISEAU**
[72] TAKITA, YUICHI, JP
[72] ITO, KOJI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
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[54] **SYSTEMES, LANCES, BUSES ET PROCEDES POUR L'INJECTION DE POUDRE EN VUE D'UNE DIMINUTION DE L'AGGLOMERATION**
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[72] BYRNE, HEATHER, US
[71] CARBONXT, INC., US
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[54] **DETECTION DE DYSFONCTIONNEMENT D'UN SYSTEME DE SURVEILLANCE D'ECOULEMENT D'UN APPAREIL DE REGULATION D'ECOULEMENT**
[72] HUDSON, JOSEPH, US
[71] KPR U.S., LLC, US
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[54] **TRANSPORT AMELIORE D'AGENT DE SOUTENEMENT POUR LA FRACTURATION HYDRAULIQUE**
[72] RAHY, ABDELAXIZ, US
[72] KNOX, DEWITT, US
[72] MELBOUCI, MOHAND, US
[72] ALAMEDDIN, CHIRSTOPHER, US
[72] SIEGEL, JOEL F., US
[72] POPPEL, BENJAMIN J., US
[72] WEIJERS, LEENDERT, US
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[54] **MISE A L'ECHELLE AUTOMATIQUE DE GROUPES D'INSTANCES DE RESSOURCES DANS DES GRAPPES DE CALCUL**
[72] EINKAUF, JONATHAN DALY, US
[72] NATALI, LUCA, US
[72] KALATHURU, BHARGAVA RAM, US
[72] BAJI, SAURABH DILEEP, US
[72] SINHA, ABHISHEK RAJNIKANT, US
[71] AMAZON TECHNOLOGIES, INC., US
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[54] **BOITIER D'IMPRESSION PORTABLE POUR SALLE BLANCHE**
[72] VELLUTATO, ARTHUR L., JR., US
[71] VELTEK ASSOCIATES, INC., US
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[54] **PREPARATION DE COURANTS D'HYDROCARBURES A DES FINS DE STOCKAGE**
[72] KENNEDY, DAVID ALLEN, US
[72] SALAMON, MARK MULHERIN, US
[72] YOUNT, CHRISTOPHER SCOTT, US
[71] GE OIL & GAS, INC., US
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[54] **PROCEDE DE FABRICATION D'UN RESEAU POLYMERE A PARTIR D'UN POLYTHIOL ET D'UN POLYEPOXYDE**
[72] ZOOK, JONATHAN D., US
[72] DEMOSS, SUSAN E., US
[72] YE, SHENG, US
[72] DAVIS, ANDREW R., US
[72] GONG, TAO, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **DECLENCHEUR DE FIXATION SOUPLE POUR INSTALLATION DE MATERIEL SIMULTANEE**
[72] SIMONS, BLAIR, US
[72] CINTRON-APONTE, ALEXANDRA, US
[71] RAYTHEON COMPANY, US
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[54] **CAMERAS DE CONSOMMATEUR SENSIBLES A LA CONFIDENTIALITE ACCOUPLEES A DES SYSTEMES DE REALITE AUGMENTEE**
[72] BRADSKI, GARY R., US
[71] MAGIC LEAP, INC., US
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[54] **USER INTERFACES FOR PARKING ZONE CREATION**
[54] **INTERFACES UTILISATEUR POUR CREATION DE ZONE DE STATIONNEMENT**
[72] KRISHNAMOORTHY, LOKESH BABU, US
[72] OKAMOTO, KEVIN KOJI, US
[72] HACKETT, AILEEN MARGARET, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **APPLICATEURS DE DISTRIBUTION DE LIQUIDE MEDICAL ET PROCEDES DE FABRICATION**
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[72] AFARIAN, VIKEN, CA
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[25] EN
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[54] **COMPOSITION AQUEUSE DE REVETEMENT ANTITACHE**
[72] HU, RONGHAI, CN
[72] DUAN, GANG, US
[72] XIONG, RONG, CN
[72] KORENKIEWICZ, STEPHEN M., US
[72] KOU, HUI, CN
[71] VALSPAR SOURCING, INC., US
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[25] EN
[54] **PROCESSES FOR REMOVING CONTAMINANTS FROM A DEHYDROGENATION EFFLUENT**
[54] **PROCEDES D'ELIMINATION DE CONTAMINANTS D'UN EFFLUENT DE DESHYDROGENATION**
[72] KANAZIREV, VLADISLAV I., US
[72] GORAWARA, JAYANT K., US
[72] ZIMMERMANN, JOSEPH E., US
[71] UOP LLC, US
[85] 2017-10-26
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[54] **SAMPLE COLLECTION DEVICE AND METHOD FOR URINE AND OTHER FLUIDS**
[54] **PROCEDE ET DISPOSITIF DE COLLECTE D'ECHANTILLON POUR L'URINE ET D'AUTRES FLUIDES**
[72] DAHL, ANDREW A., US
[71] WELLMETRIS, LLC, US
[85] 2017-10-26
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[25] EN
[54] **PEPTIDE COMPOSITIONS AND METHODS OF USE**
[54] **COMPOSITIONS DE PEPTIDES ET LEURS METHODES D'UTILISATION**
[72] BESIRLI, CAGRI G., US
[72] BRIDGES, ALEXANDER J., US
[72] FRESHLEY, JOHN K., US
[72] HUNKE, WILLIAM A., US
[72] JOHNSON, LINDA L., US
[72] SMITH, FRANCIS X., US
[72] SYLVAIN, ETHAN, US
[72] ZACKS, DAVID N., US
[71] ONL THERAPEUTICS, INC., US
[71] THE REGENTS OF THE UNIVERSITY OF MICHIGAN, US
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[25] EN
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[54] **ARCHITECTURE INFORMATIQUE PARALLELE POLYVALENTE**
[72] BURCHARD, PAUL, US
[72] DREPPER, ULRICH, US
[71] GOLDMAN SACHS & CO. LLC, US
[85] 2017-10-26
[86] 2016-05-17 (PCT/US2016/032934)
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[54] **MOTOR VEHICLE ACCESSORY TO INCREASE POWER SUPPLY AND REDUCE FUEL REQUIREMENTS**
[54] **ACCESSOIRE DE VEHICULE AUTOMOBILE PERMETTANT D'AUGMENTER L'ALIMENTATION EN ENERGIE ET DE REDUIRE LA CONSOMMATION DE CARBURANT**
[72] HEALY, THOMAS JOSEPH, US
[71] HYLIION INC., US
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[54] **SIMULATOR RIDE**
[54] **PARCOURS DE SIMULATEUR**
[72] WHITE, NATHANAEL G., US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[86] 2016-04-25 (PCT/US2016/029210)
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[54] **A SYSTEM FOR GENERATING ELECTRICAL POWER FROM LOW TEMPERATURE STEAM**
[54] **SYSTEME DE PRODUCTION D'ELECTRICITE A PARTIR DE VAPEUR BASSE TEMPERATURE**
[72] DAVIES, ROGER, AU
[71] INTEX HOLDINGS PTY LTD, AU
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[54] **TAPIS FONCTIONNEL POUR SURFEUR**
[72] SCHWARTZ, JUSTIN MICHAEL, US
[72] OSTERMAN, ROSS ALAN, US
[72] MASON, WILLIAM DALE, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[54] **COMPOSITE ARTICLE AND METHOD OF MANUFACTURE**
[54] **ARTICLE COMPOSITE ET PROCEDE DE FABRICATION**
[72] HAQ, MAHMOODUL, US
[72] DRZAL, LAWRENCE T., US
[71] BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY, US
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[54] **VAPORIZER APPARATUS, DEVICE, AND METHODS**
[54] **APPAREIL, DISPOSITIF, ET PROCEDES DE VAPORISATEUR**
[72] SELBY, RYAN DANIEL, CA
[72] KARKHAIRAN-KHOUZANI, RYAN, CA
[71] PODA TECHNOLOGIES LTD., CA
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[25] EN
[54] **SYSTEMS AND METHODS FOR PREDICTING ARRIVAL OF WIND EVENT**
[54] **SYSTEMES ET PROCEDES POUR PREDIRE L'ARRIVEE D'UN EVENEMENT VENTEUX**
[72] O'BRIEN, MARTIN, US
[72] CALDWELL, LOREN M., US
[72] ACOTT, PHILLIP E., US
[72] SPAETH, LISA G., US
[71] OPHIR CORPORATION, US
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[54] **SOUPAPE D'INJECTION A DOUBLE BARRIERE DOTEE D'UN ORIFICE VARIABLE**
[72] MAILAND, JASON CHARLES, US
[72] HILL, THOMAS G., US
[71] TEJAS RESEARCH & ENGINEERING, LLC, US
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[25] EN
[54] **METHOD FOR COMPUTER-SUPPORTED DEVELOPMENT OF AN OVERALL SYSTEM CONSISTING OF SUBSYSTEMS**
[54] **PROCEDE DE DEVELOPPEMENT ASSISTE PAR ORDINATEUR D'UN SYSTEME GLOBAL COMPOSE DE SYSTEMES PARTIELS**
[72] STANEK, CHRISTIAN, DE
[72] FISCHER, BERNHARD, DE
[72] FREITAG, GUNTER, DE
[72] MAREK, ANDRE, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **POINT OF CONTROL REMOTE-ACTUATION APPARATUS AND METHODS**
[54] **APPAREILS ET PROCEDES D'ACTIONNEMENT A DISTANCE DE POINTS DE COMMANDE**
[72] STEVENSON, ROBERT L., US
[71] STEVENSON, ROBERT L., US
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[54] **INITIATING SHIPMENT OF AN ITEM USING A MOBILE/WEARABLE DEVICE**
[54] **LANCEMENT DE L'EXPEDITION D'UN ARTICLE AU MOYEN D'UN DISPOSITIF MOBILE/A PORTER SUR SOI**
[72] GILLEN, ROBERT J., US
[71] UNITED PARCEL SERVICE OF AMERICA, INC., US
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[54] **ANTIFOLATE CONJUGATES FOR TREATING INFLAMMATION**
[54] **CONJUGUES D'ANTIFOLATES POUR LE TRAITEMENT DE L'INFLAMMATION**
[72] VLAHOV, IONTCHO RADOSLAVOV, US
[72] LEAMON, CHRISTOPHER PAUL, US
[72] YOU, FEI, US
[72] LU, YINGJUAN J., US
[72] KLEINDL, PAUL JOSEPH, US
[71] ENDOCYTE, INC., US
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[54] **BROADCASTS AMONG ELECTRONIC DEVICES OF REGISTERED USERS VIA INTERNET PROTOCOL**
[54] **DIFFUSIONS PARMI DES DISPOSITIFS ELECTRONIQUES D'UTILISATEURS PAR L'INTERMEDIAIRE D'UN PROTOCOLE INTERNET**
[72] SANDHU, CHARANJIT SINGH, CA
[71] SANDHU, CHARANJIT SINGH, CA
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[51] **Int.Cl. E21B 43/16 (2006.01)**
[25] EN
[54] **SINGLE-WELL GAS-ASSISTED GRAVITY DRAINING PROCESS FOR OIL RECOVERY**
[54] **PROCEDE DE DRAINAGE PAR GRAVITE ASSISTE PAR GAZ A PUITS UNIQUE POUR LA RECUPERATION DE PETROLE**
[72] RAO, DANDINA, US
[71] BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE, US
[85] 2017-10-26
[86] 2016-05-09 (PCT/US2016/031455)
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[54] **HIGH-PERFORMANCE GLASS FIBER COMPOSITION, GLASS FIBER AND COMPOSITE MATERIAL THEREFROM**
[54] **COMPOSITION DE FIBRE DE VERRE A HAUT RENDEMENT, FIBRE DE VERRE ET MATERIAU COMPOSITE EN RENFERMANT**
[72] ZHANG, LIN, CN
[72] CAO, GUORONG, CN
[72] XING, WENZHONG, CN
[72] GU, GUIJIANG, CN
[71] JUSHI GROUP CO., LTD., CN
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[54] **PNEUMATIC TIMING VALVE**
[54] **SOUPAPE DE DISTRIBUTION PNEUMATIQUE**
[72] KRECH, JACOB K., US
[72] MEYER, COREY D., US
[72] ALLIE, DAVID J., US
[72] ROGERS, DANIEL J., US
[72] SHAW, DEREK R., US
[72] INGEBRAND, JOHN R., US
[72] DANISKI, JOSEPH A., US
[71] GRACO MINNESOTA INC., US
[85] 2017-10-26
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[54] **LOADING VERTICAL TUBES WITH PARTICULATE MATERIAL**
[54] **CHARGEMENT DE MATIERE PARTICULAIRE DANS DES TUBES VERTICAUX**
[72] MCNAUGHTON, MICHAEL D., US
[71] PRECISION CONSULTING SERVICES, LLC, US
[85] 2017-10-26
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[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING THE VISUAL ACUITY OF A USER**
[54] **PROCEDE ET DISPOSITIF DE DETERMINATION DE L'ACUITE VISUELLE D'UN UTILISATEUR**
[72] SCHMID, MARTIN K., CH
[72] THIEL, MICHAEL A., CH
[72] BACHMANN, LUCAS M., CH
[72] LIENHARD, KENNY R., CH
[71] OCULOCARE MEDICAL AG, CH
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[54] **SECRETORY TNT CAR CELL IMMUNOTHERAPY**
[54] **IMMUNOTHERAPIE PAR CELLULES CAR TNT SECRETOIRES**
[72] EPSTEIN, ALAN L., US
[72] KASLOW, HARVEY, US
[72] HU, PEISHENG, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
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[54] **WLAN SYSTEM RESOURCE INDICATION METHOD AND APPARATUS**
[54] **METHODE D'INDICATION DE RESSOURCE DE SYSTEME DE RESEAU SANS FIL ETENDU ET APPAREIL**
[72] LUO, JUN, CN
[72] ZHANG, JIAYIN, CN
[72] PANG, JIYONG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-10-27
[86] 2015-11-12 (PCT/CN2015/094493)
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[30] CN (PCT/CN2015/077912) 2015-04-30
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[25] EN
[54] **METHOD FOR INVERTING OIL CONTINUOUS FLOW TO WATER CONTINUOUS FLOW**
[54] **PROCEDE PERMETTANT L'INVERSION DE FLUX A PHASE CONTINUE HUILEUSE EN FLUX A PHASE CONTINUE AQUEUSE**
[72] PAVLOV, ALEXEY, NO
[72] FJALESTAD, KJETIL, NO
[71] STATOIL PETROLEUM AS, NO
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[25] EN
[54] **COMPOUNDS AND COMPOSITIONS USEFUL FOR TREATING OR PREVENTING CANCER METASTASIS, AND METHODS USING SAME**
[54] **COMPOSES ET COMPOSITIONS UTILES POUR TRAITER OU PREVENIR LES METASTASES CANCEREUSES, ET PROCEDES DANS LESQUELS ILS SONT EMPLOYES**
[72] FATATIS, ALESSANDRO, US
[72] JERNIGAN, DANIELLE, US
[72] SHAHRIARI, KRISTINA SUSAN, US
[72] SHEN, FEI, US
[71] DREXEL UNIVERSITY, US
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[86] 2016-05-11 (PCT/US2016/031820)
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[30] US (62/160,114) 2015-05-12

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[25] EN
[54] **SYSTEM AND METHOD FOR CASTING A COMPONENT AS WELL AS A COMPUTER-READABLE STORAGE MEDIUM HAVING A PROGRAM FOR CASTING A COMPONENT**
[54] **SYSTEME ET PROCEDE POUR COULER UNE PIECE AINSI QUE SUPPORT D'ENREGISTREMENT LISIBLE PAR UN ORDINATEUR PRESENTANT UN PROGRAMME POUR COULER UNE PIECE**
[72] MEINDL, EDWIN, AT
[72] FALCH, CHRISTIAN, AT
[71] MICADO SMART ENGINEERING GMBH, AT
[85] 2017-10-27
[86] 2016-04-28 (PCT/EP2016/059554)
[87] (WO2016/174167)
[30] DE (10 2015 106 577.0) 2015-04-29

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[25] EN
[54] **MANAGING LOAD BALANCERS ASSOCIATED WITH AUTO-SCALING GROUPS**
[54] **GESTION D'EQUILIBREURS DE CHARGE ASSOCIES A DES GROUPES DE MISE A L'ECHELLE AUTOMATIQUE**
[72] GUZMAN, MARCEL ROBERT, US
[72] JORDAN, NORMAN, US
[72] JONES, SHAWN, US
[72] KHALID, AHMED USMAN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2017-10-26
[86] 2016-04-29 (PCT/US2016/030279)
[87] (WO2016/176650)
[30] US (14/701,522) 2015-04-30
[30] US (14/701,518) 2015-04-30
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[25] EN
[54] **SOLENOID-ACTUATED FLUID CONTROL VALVE ASSEMBLY**
[54] **ENSEMBLE VANNE DE REGULATION DE FLUIDE ACTIONNE PAR SOLENOIDE**
[72] KUMAR, VIRARAGHAVAN, US
[72] REYES, ALVARO, US
[72] KULKARNI, SUDHIR, US
[72] PRADHANANGA, SHAILESH, US
[71] IQ VALVES, US
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[25] EN
[54] **METHODS FOR TREATING CANCER**
[54] **PROCEDES DE TRAITEMENT DU CANCER**
[72] GARNER, FIONA, US
[72] HATTERSLEY, GARY, US
[71] RADIUS PHARMACEUTICALS, INC., US
[85] 2017-10-26
[86] 2016-04-29 (PCT/US2016/030317)
[87] (WO2016/176665)
[30] US (62/154,699) 2015-04-29
[30] US (62/155,451) 2015-04-30
[30] US (62/158,469) 2015-05-07
[30] US (62/192,940) 2015-07-15
[30] US (62/192,944) 2015-07-15
[30] US (62/252,085) 2015-11-06
[30] US (62/252,916) 2015-11-09
[30] US (62/265,696) 2015-12-10
[30] US (62/265,658) 2015-12-10
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[72] NAOR, VERED, IL
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[72] RAUPP, KARL, DE
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[72] LAUER, STEFAN, DE
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[72] SHIELDS, BRIAN, IE
[72] KEOGH, IVAN, IE
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[72] TAKIGUCHI, OSAMU, JP
[72] HAMAI, KATSUYOSHI, JP
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[72] INOUE, FUJIO, JP
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[72] BESSERMAN, RICHARD, US
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[54] **PROCEDE D'IDENTIFICATION D'UN MATERIAU ET/OU D'UN ETAT D'UN MATERIAU DANS UN TROU DE FORAGE**
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[71] STATOIL PETROLEUM AS, NO
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[54] **CELLULES T MODIFIEES, LEURS PROCEDES DE PREPARATION ET UTILISATION**
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[72] MULUMBA, KABUNGO Y., US
[72] FERREIRA, LEONARDO M. R., US
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[54] **SYSTEME ET PROCEDE D'ENREGISTREMENT D'EVENEMENTS QUI SE PRODUISENT AU COURS D'UNE INTERVENTION MEDICALE, Y COMPRIS DES EVENEMENTS ASSOCIES A L'INVENTAIRE DES ARTICLES UTILISES AUCOURS DE L'INTERVENTION**
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[72] ROUX, MICHAEL, US
[72] ARMENTROUT, THOMAS, US
[71] STRYKER CORPORATION, US
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[72] KING, KEVIN ELLIOTT, US
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[54] **AGENTS CHELATEURS METALLIQUES PROGRAMMES METABOLIQUEMENT ET LEURS UTILISATIONS**
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[71] UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED, US
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[54] **SYSTEMES, PROCEDES ET DISPOSITIFS DE SURVEILLANCE DE CONDITIONS METEOROLOGIQUES ET DE CHAMP**
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[72] SWANSON, TODD, US
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[71] THE CLIMATE CORPORATION, US
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[54] **COMBINAISONS THERAPEUTIQUES POUR TRAITEMENTS ANTIVIRAUX ET ANTI-INFLAMMATOIRES**
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[72] WEISER, MICHAEL, US
[71] FORESIGHT BIOTHERAPEUTICS, INC., US
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[54] **COMBINAISONS D'INHIBITEURS DE L'IRAK4 A L'AIDE D'INHIBITEURS DE LA BTK**
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[72] WENGNER, ANTJE MARGRET, DE
[72] SIEBENEICHER, HOLGER, DE
[72] SCHMIDT, NICOLE, US
[72] NUBBEMEYER, REINHARD, DE
[72] BOMER, ULF, DE
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[72] STEGMANN, CHRISTIAN, DE
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[54] **ECHANTILLONNEURS AUTOMATIQUES, CHARGEURS AUTOMATIQUES ET DISPOSITIFS UTILISANT CEUX-CI**
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[72] GIESELER, ROBERT, DE
[71] RODOS BIOTARGET GMBH, DE
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[71] MEDYS S.R.L., IT
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[54] **PEPTIDE AYANT DES EFFETS ANTI-DIABETIQUES ET ANTI-OBESITE, ET SON UTILISATION**
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[72] KIM, EUN MI, KR
[71] CAREGEN CO., LTD., KR
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[54] **METHOD AND SYSTEM OF ASSESSING OR ANALYZING MUSCLE CHARACTERISTICS INCLUDING STRENGTH AND TENDERNESS USING ULTRASOUND**
[54] **PROCEDE ET SYSTEME D'EVALUATION OU D'ANALYSE DES CARACTERISTIQUES MUSCULAIRES Y COMPRIS LA FORCE ET LA TENDRETE A L'AIDE D'ULTRASONS**
[72] OPENSHAW, JOHN, US
[71] OPENSHAW BECK LLC, US
[85] 2017-10-27
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[51] **Int.Cl. B65D 50/04 (2006.01)**
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[54] **CHILD RESISTANT DROPPER CLOSURE**
[54] **FERMETURE DE COMPTE-GOUTTES RESISTANT AUX ENFANTS**
[72] PHILIP, BRADLEY S., US
[72] MASTIC, TODD, US
[72] BATES, PETER, US
[71] AMCOR LIMITED, AU
[85] 2017-10-27
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[51] **Int.Cl. B65G 1/137 (2006.01) B65G 1/16 (2006.01)**
[25] EN
[54] **RANDOM-ACCESS ROBOTIC INVENTORY DISPENSARY**
[54] **DISTRIBUTEUR D'INVENTAIRE ROBOTIQUE A ACCES ALEATOIRE**
[72] STIERNAGLE, CHAD, US
[72] KRAETSCH, GLENDON T., US
[72] LAVALLE, DEAN R., US
[72] SHEIKHOLESLAMI, CAMERON P., US
[71] BBY SOLUTIONS, INC., US
[85] 2017-10-27
[86] 2016-02-25 (PCT/US2016/019590)
[87] (WO2016/178732)
[30] US (14/702,803) 2015-05-04
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[30] US (15/012,525) 2016-02-01

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 17/30 (2006.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR DETERMINING AND DISSEMINATING STANDARDIZED AGGREGATED MEASUREMENTS OF ACTIVITY**
[54] **PROCEDE ET SYSTEME POUR DETERMINER ET DISSEMINER DES MESURES AGREGEES STANDARDISEES D'ACTIVITE**
[72] VILLARS, CURTIS, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-10-27
[86] 2016-04-22 (PCT/US2016/028740)
[87] (WO2016/176114)
[30] US (14/699,395) 2015-04-29

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[51] **Int.Cl. G06F 15/18 (2006.01) G06F 17/30 (2006.01) G06N 3/02 (2006.01)**
[25] EN
[54] **SCALABLE COMPLEX EVENT PROCESSING WITH PROBABILISTIC MACHINE LEARNING MODELS TO PREDICT SUBSEQUENT GEOLOCATIONS**
[54] **TRAITEMENT D'EVENEMENTS COMPLEXE EVOLUTIF COMPRENANT MODELES D'APPRENTISSAGE AUTOMATIQUE PROBABILISTES EN VUE DE PREDICTION D'EMPLACEMENTS GEOGRAPHIQUES SUBSEQUENTS**
[72] REESE, DAVID JOHN, US
[72] TABERNER-MILLER, ANNETTE M., US
[72] ACHARYA, SANKALP, US
[72] ADAM, LIPPHEI, US
[71] RETAILMENOT, INC., US
[85] 2017-10-27
[86] 2016-05-05 (PCT/US2016/031024)
[87] (WO2016/179413)
[30] US (62/156,949) 2015-05-05

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[51] **Int.Cl. G06Q 10/10 (2012.01) H04M 3/42 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PERFORMING VALIDATION AND AUTHENTICATION OF A PHYSICAL STRUCTURE OR PHYSICAL OBJECT**
[54] **DISPOSITIF ET PROCEDE D'EXECUTION DE VALIDATION ET D'AUTHENTIFICATION D'UNE STRUCTURE PHYSIQUE OU D'UN OBJET PHYSIQUE**
[72] MALNATI, STEFANO, US
[72] TEELOCK, RANJEEV, US
[72] SEALE, KIMBERLE, US
[72] MOSER, TAMMIE ANN, US
[71] FIRST ADVANTAGE CORPORATION, US
[85] 2017-10-27
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[87] (WO2016/176188)
[30] US (62/153,384) 2015-04-27

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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 31/16 (2006.01) A61K 31/36 (2006.01) A61K 31/381 (2006.01) A61K 39/39 (2006.01)**
[25] EN
[54] **NOVEL COMPOSITIONS AND METHODS FOR IMMUNOTHERAPIES COMPRISING SMALL MOLECULE INTEGRIN RECEPTOR-LIGAND AGONIST ADJUVANTS**
[54] **NOUVELLES COMPOSITIONS ET METHODES POUR IMMUNOTHERAPIES COMPRENANT DES ADJUVANTS AGONISTES DES RECEPTEURS-LIGANDS D'INTEGRINE A PETITES MOLECULES**
[72] WOODSIDE, DARREN G., US
[72] VANDERSLICE, PETER, US
[72] MARATHI, UPENDRA K., US
[71] 7 HILLS INTERESTS, LLC, US
[85] 2017-10-27
[86] 2016-04-28 (PCT/US2016/029683)
[87] (WO2016/176400)
[30] US (62/154,554) 2015-04-29
[30] US (15/140,711) 2016-04-28

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[51] **Int.Cl. E04D 5/10 (2006.01)**
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[54] **MODIFIED LECITHIN FOR ASPHALT APPLICATIONS**
[54] **LECITHINE MODIFIEE POUR APPLICATION D'ASPHALTE**
[72] KURTH, TODD, US
[72] STAUDUHAR, SUZANNE, US
[72] TABATABAEE, HASSAN, US
[71] CARGILL, INCORPORATED, US
[85] 2017-10-27
[86] 2016-05-19 (PCT/US2016/033250)
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[51] **Int.Cl. A01K 11/00 (2006.01)**
[25] EN
[54] **ANIMAL EAR TAG**
[54] **ETIQUETTE D'OREILLE POUR ANIMAUX**
[72] AUER, WOLFGANG, AT
[71] SMARTBOW GMBH, AT
[85] 2017-10-30
[86] 2016-04-29 (PCT/AT2016/000048)
[87] (WO2016/172745)
[30] AT (A 261/2015) 2015-04-30
[30] AT (A 262/2015) 2015-04-30
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[51] **Int.Cl. B65D 90/04 (2006.01) B32B 3/00 (2006.01) B60R 13/01 (2006.01) B65D 25/14 (2006.01) B65D 88/62 (2006.01)**
[25] EN
[54] **PROTECTIVE LINER**
[54] **REVETEMENT DE PROTECTION**
[72] MCDONALD, RAYMOND AUGUSTUS, JR., US
[72] GRANDOMINICO, DOMINIC PLAUCHE, US
[72] GRANDOMINICO, GARY ALAN, US
[72] DAILEY, STUART, US
[72] HILL, CRYSTAL, US
[72] MOSS, BRET JAMESON, US
[72] GELIN, CHRISTOPHER J., US
[71] RIDGE CORPORATION, US
[85] 2017-10-27
[86] 2016-04-28 (PCT/US2016/029699)
[87] (WO2016/176407)
[30] US (62/153,620) 2015-04-28
[30] US (15/139,747) 2016-04-27

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[51] **Int.Cl. A61M 5/42 (2006.01) A61H 23/00 (2006.01)**
[25] EN
[54] **CONTROLLING USAGE OF REPLACEABLE TOOL ENDS**
[54] **REGULATION DE L'USAGE D'EXTREMITES D'OUTIL REMPLACABLES**
[72] LORBERBAUM, MARK, US
[72] YAGODA, BERNARDO, US
[71] BING INNOVATIONS, LLC, US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/029938)
[87] (WO2016/178941)
[30] US (62/155,769) 2015-05-01
[30] US (14/803,535) 2015-07-20

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[51] **Int.Cl. A61F 2/01 (2006.01) A61F 2/06 (2013.01) A61F 2/24 (2006.01) A61M 1/36 (2006.01) A61M 25/00 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR TRANSCATHETER AORTIC VALVE TREATMENT**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE VALVE AORTIQUE TRANS-CATHETER**
[72] ROGERS, ERICA J., US
[72] WALLACE, MICHAEL P., US
[72] MACDONALD, SUMAIRA, US
[72] GARRISON, MICHI E., US
[71] SILK ROAD MEDICAL, INC., US
[85] 2017-10-27
[86] 2016-04-28 (PCT/US2016/029701)
[87] (WO2016/176409)
[30] US (62/155,384) 2015-04-30
[30] US (62/210,919) 2015-08-27

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[51] **Int.Cl. H02H 7/22 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING OPEN PHASE OF CIRCUIT BREAKER ON BASIS OF VOLTAGE**
[54] **PROCEDE ET APPAREIL BASES SUR UNE TENSION POUR LA DISCRIMINATION D'UNE PHASE INCOMPLETE DE DISJONCTEUR**
[72] CHEN, JUN, CN
[72] WANG, KAI, CN
[72] ZHONG, SHOUPING, CN
[72] WANG, GUANG, CN
[72] ZHANG, QIXUE, CN
[72] CHEN, JIASHENG, CN
[72] GUO, ZIGANG, CN
[72] LI, HUAZHONG, CN
[72] JI, YAOYAO, CN
[71] NR ELECTRIC CO., LTD., CN
[71] NR ENGINEERING CO., LTD., CN
[85] 2017-10-30
[86] 2016-02-19 (PCT/CN2016/074077)
[87] (WO2016/173312)
[30] CN (201510213191.4) 2015-04-29

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[51] **Int.Cl. A61M 5/42 (2006.01) A61H 23/00 (2006.01)**
[25] EN
[54] **REDUCING PAIN OF SKIN PIERCING USING VIBRATION**
[54] **REDUCTION DE LA DOULEUR DU PERCAGE DE LA PEAU A L'AIDE DE VIBRATIONS**
[72] LORBERBAUM, MARK, US
[72] RALABATE, PHILIP, US
[72] DICESARE, PAUL, US
[71] BING INNOVATIONS, LLC, US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/029971)
[87] (WO2016/178952)
[30] US (62/155,769) 2015-05-01
[30] US (14/803,535) 2015-07-20
[30] US (62/208,860) 2015-08-24

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[51] **Int.Cl. G21G 1/02 (2006.01)**
[25] EN
[54] **RADIONUCLIDE GENERATION SYSTEM AND METHOD OF PRODUCING RADIONUCLIDES**
[54] **SYSTEME DE GENERATION DE RADIONUCLEIDES ET PROCEDE DE PRODUCTION DE RADIONUCLEIDES**
[72] RICHTER, THOMAS FABIAN, DE
[72] SYKORA, ALEXANDER, DE
[72] WISTUBA, LOTHAR, DE
[71] AREVA GMBH, DE
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[87] (WO2016/173664)

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[51] **Int.Cl. H02J 9/06 (2006.01)**
[25] EN
[54] **UNINTERRUPTIBLE POWER SUPPLY DEVICE**
[54] **DISPOSITIF D'ALIMENTATION ELECTRIQUE SANS COUPURE**
[72] OHNISHI, KEISUKE, JP
[71] TOSHIBA MITSUBISHI-ELECTRIC INDUSTRIAL SYSTEMS CORPORATION, JP
[85] 2017-10-30
[86] 2015-06-02 (PCT/JP2015/065862)
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[51] **Int.Cl. A61C 13/00 (2006.01) A61C 9/00 (2006.01) A61C 19/04 (2006.01) A61B 34/10 (2016.01) G06T 17/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR RECORDING DIGITAL IMAGES AND PRESENTING 3D MODELS OF A BODY LUMEN**
[54] **APPAREIL ET PROCEDE D'ENREGISTREMENT D'IMAGES NUMERIQUES ET DE PRESENTATION DE MODELES 3D D'UNE LUMIERE CORPORELLE**
[72] WEISENBERG, MICAH, US
[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/030052)
[87] (WO2016/176556)
[30] US (62/154,274) 2015-04-29

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[51] **Int.Cl. A41G 5/00 (2006.01) A41G 5/02 (2006.01) A45D 8/14 (2006.01)**
[25] EN
[54] **CHEMICALLY MINIMIZED SYSTEM FOR TIME REDUCED APPLICATION OF EYELASH EXTENSIONS**
[54] **SYSTEME CHIMIQUEMENT REDUIT AU MINIMUM POUR UNE APPLICATION LIMITEE DANS LE TEMPS D'EXTENSIONS DE CILS**
[72] YANG, SOO-JIN, US
[71] YANG, SOO-JIN, US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/030216)
[87] (WO2016/179024)
[30] US (62/155,902) 2015-05-01

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[51] **Int.Cl. B29C 51/12 (2006.01) B29C 51/10 (2006.01) B29C 51/16 (2006.01)**
[25] EN
[54] **PARTIAL DECORATION FORMING METHOD AND PARTIAL DECORATION FORMING APPARATUS**
[54] **PROCEDE DE MOULAGE PARTIEL DECORATIF ET APPAREIL DE MOULAGE PARTIEL DECORATIF**
[72] MIURA, TAKAYUKI, JP
[71] FU-SE VACUUM FORMING CO.,LTD, JP
[85] 2017-10-30
[86] 2016-02-02 (PCT/JP2016/053115)
[87] (WO2017/098737)
[30] JP (2015-239808) 2015-12-09

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[51] **Int.Cl. A61M 39/22 (2006.01) A61M 5/14 (2006.01)**
[25] EN
[54] **FLUID INFUSION SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'INFUSION DE FLUIDES**
[72] BUTTERFIELD, ROBERT DWAINE, US
[72] HELLEN, SCOTT, US
[72] BARINA, VACLAV, US
[72] BARRY, ALLISON LEIGH, US
[72] CHANG, JULIE, US
[72] LIU, JEANETTE M., US
[72] NGUYEN, HUY QUANG, US
[72] WEI, MICHELLE, US
[72] DEROSE, SAMUEL A., US
[72] GOVINDARAJ, THENDRAL, US
[72] HOANG, SAMANTHA, US
[72] MARINO, ANDREW L., US
[72] CHANG, RAUL SUN HAN, US
[72] CHANG, ARTHUR Y., US
[72] GUPTA, DEVAL, US
[71] CAREFUSION 303, INC., US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/030236)
[87] (WO2016/179033)
[30] US (62/156,739) 2015-05-04
[30] US (62/292,810) 2016-02-08

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[13] A1
[51] **Int.Cl. G01T 1/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR CALIBRATING GAMMA RADIATION FLUX LEVELS IN A SOLID STATE GAMMA RADIATION DETECTION SYSTEM**
[54] **PROCEDE ET SYSTEME D'ETALONNAGE DE NIVEAUX DE FLUX DE RAYONNEMENT GAMMA ET SYSTEME DE DETECTION DE RAYONNEMENT GAMMA A L'ETAT SOLIDE**
[72] MARRIOTT, KEVIN, US
[72] HEPWORTH, PAUL, US
[72] WILLIAMS, JEREMY, US
[71] VPI ENGINEERING, INC., US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/030295)
[87] (WO2016/176655)
[30] US (62/155,465) 2015-04-30
[30] US (62/192,935) 2015-07-15

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[13] A1
[51] **Int.Cl. C07K 14/705 (2006.01)**
[25] EN
[54] **SINGLE-CHAIN CD40-RECEPTOR AGONIST PROTEINS**
[54] **PROTEINES AGONISTES DU RECEPTEUR CD40 A CHAINE UNIQUE**
[72] HILL, OLIVER, DE
[72] GIEFFERS, CHRISTIAN, DE
[72] THIEMANN, MEINOLF, DE
[72] SCHNYDER, TIM, DE
[71] APOGENIX AG, DE
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[30] US (62/156 813) 2015-05-04

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[51] **Int.Cl. A01N 57/00 (2006.01) A01N 57/10 (2006.01)**
[25] EN
[54] **METHODS FOR TREATING CANCER**
[54] **PROCEDES DE TRAITEMENT DU CANCER**
[72] HATTERSLEY, GARY, US
[71] RADIUS PHARMACEUTICALS, INC., US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/030316)
[87] (WO2016/176664)
[30] US (62/154,699) 2015-04-29
[30] US (62/155,451) 2015-04-30
[30] US (62/158,469) 2015-05-07
[30] US (62/192,940) 2015-07-15
[30] US (62/192,944) 2015-07-15
[30] US (62/252,085) 2015-11-06
[30] US (62/252,916) 2015-11-09
[30] US (62/265,663) 2015-12-10
[30] US (62/265,696) 2015-12-10
[30] US (62/265,658) 2015-12-10
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[30] US (62/323,572) 2016-04-15
[30] US (62/323,576) 2016-04-15

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[51] **Int.Cl. A61M 16/20 (2006.01) F16K 7/12 (2006.01) F16K 15/03 (2006.01)**
[25] EN
[54] **LOW FLOW CONTROLLER**
[54] **REGULATEUR DE DEBIT FAIBLE**
[72] BARRAZA, MANUEL, US
[72] CEGIELSKI, MICHAEL J., US
[71] VYAIRE MEDICAL CONSUMABLES LLC, US
[85] 2017-10-27
[86] 2016-04-12 (PCT/US2016/027141)
[87] (WO2016/176036)
[30] US (14/700,094) 2015-04-29

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[13] A1
[51] **Int.Cl. G06Q 20/10 (2012.01) G06Q 20/20 (2012.01) G06Q 20/40 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR POS ENABLED INSTALLMENTS WITH ELIGIBILITY CHECK REQUIREMENTS**
[54] **PROCEDE ET SYSTEME DE VERSEMENTS ECHELONNES AUTORISES DE POINT DE VENTE AVEC EXIGENCES DE VERIFICATION D'ADMISSION**
[72] GEORGE, SAGITHA, GB
[72] SUDHAKAR, VIJILA, US
[71] MASTERCARD INTERNATIONAL INCORPORATED, US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/029975)
[87] (WO2016/176535)
[30] US (62/154,348) 2015-04-29
[30] US (62/160,328) 2015-05-12

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[13] A1
[51] **Int.Cl. B65D 83/14 (2006.01) B65D 83/68 (2006.01) C08G 18/48 (2006.01) C08G 18/76 (2006.01) C09K 21/14 (2006.01)**
[25] EN
[54] **APPLICATION DEVICE FOR A SOLID-FILLED PU FOAM**
[54] **DISPOSITIF APPLICATEUR POUR MOUSSE DE PU CHARGEE DE MATIERE SOLIDE**
[72] NUTZEL, RAINER, CH
[71] RATHOR AG, CH
[85] 2017-10-30
[86] 2015-05-04 (PCT/EP2015/059694)
[87] (WO2015/166109)
[30] DE (10 2014 006 272.4) 2014-05-02

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[13] A1
[51] **Int.Cl. F17C 11/00 (2006.01)**
[25] EN
[54] **COVALENT ORGANIC FRAMEWORK NANOPOROUS MATERIALS FOR HIGH PRESSURE GAS STORAGE**
[54] **MATERIAUX NANOPOREUX D'OSSATURE ORGANIQUE COVALENTE POUR STOCKAGE DE GAZ A HAUTE PRESSION**
[72] SOZZANI, PIERO, IT
[72] COMOTTI, ANGIOLINA, IT
[72] BRACCO, SILVIA, IT
[71] BLUE WAVE CO S.A., LU
[85] 2017-10-30
[86] 2015-12-01 (PCT/EP2015/078258)
[87] (WO2016/087471)
[30] GB (1421328.4) 2014-12-01

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[13] A1
[51] **Int.Cl. A61K 31/13 (2006.01) A61K 31/33 (2006.01) A61K 36/00 (2006.01)**
[25] EN
[54] **HAIR REGROWTH TREATMENT AND GROWTH STIMULANT**
[54] **TRAITEMENT DE REPOUSSE DES CHEVEUX ET STIMULANT DE POUSSE DES CHEVEUX**
[72] THROWER, ANGELO PERRY, US
[71] THROWER, ANGELO PERRY, US
[85] 2017-10-27
[86] 2016-05-10 (PCT/US2016/031589)
[87] (WO2016/186896)
[30] US (62/163,026) 2015-05-18

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[13] A1
[51] **Int.Cl. H04L 1/00 (2006.01) H03M 13/37 (2006.01) H04L 1/08 (2006.01)**
[25] EN
[54] **DECODING OF MESSAGES**
[54] **DECODAGE DE MESSAGES**
[72] AXMON, JOAKIM, SE
[72] LINDOFF, BENGT, SE
[72] WALLEN, ANDERS, SE
[71] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
[85] 2017-10-30
[86] 2016-04-21 (PCT/EP2016/058903)
[87] (WO2016/173922)
[30] US (62/154,846) 2015-04-30

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[13] A1
[51] **Int.Cl. A23P 20/00 (2016.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FOOD PROCESSING**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT D'ALIMENT**
[72] AIT BOUZIAD, YOUCEF, CH
[71] NESTEC S.A., CH
[85] 2017-10-30
[86] 2016-04-28 (PCT/EP2016/059534)
[87] (WO2016/177628)
[30] EP (15166200.4) 2015-05-04

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[13] A1
[51] **Int.Cl. B60H 1/32 (2006.01) F41H 7/02 (2006.01)**
[25] EN
[54] **COOLING SYSTEM OF A COMBAT VEHICLE, AND PRESSURE CASCADE FOR COOLING AT LEAST ONE ELECTRONIC UNIT IN A COMBAT VEHICLE BY MEANS OF A COOLING SYSTEM**
[54] **SYSTEME DE REFROIDISSEMENT D'UN VEHICULE DE COMBAT ET CASCADE DE PRESSION POUR LE REFROIDISSEMENT D'AU MOINS UNE UNITE ELECTRONIQUE DANS UN VEHICULE DE COMBAT AU MOYEN D'UN SYSTEME DE REFROIDISSEMENT**
[72] LANG, GERHARD, DE
[72] ECKHOFF, DETLEV, DE
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[54] **DISPOSITIF ET PROCEDES DE SEPARATION DE TISSU ADIPEUX**
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[54] **PROCESS FOR PREPARING ISOCYANATE COMPOUND**
[54] **PROCEDE DE PREPARATION D'UN COMPOSE ISOCYANATE**
[72] SCHAUB, THOMAS, DE
[72] BAUMANN, ROBERT, DE
[72] PACIELLO, ROCCO, DE
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[54] **MISE EN CASCADE DE CLASSIFICATEURS POUR DES APPLICATIONS DE SECURITE INFORMATIQUE**
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[72] VATAMANU, CRISTINA, RO
[72] COSOVAN, DOINA, RO
[72] LUCHIAN, HENRI, RO
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[54] **A METHOD OF JOINING A FECRAL ALLOY WITH A FENICR ALLOY USING A FILLER METAL BY WELDING**
[54] **PROCEDE DE JONCTION D'UN ALLIAGE DE FECRAL A UN ALLIAGE DE FENICR A L'AIDE D'UN METAL D'APPORT PAR SOUDAGE**
[72] BLOMFELDT, THOMAS, SE
[72] LARSSON, ASA, SE
[72] WALLERO, ANDERS, SE
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[54] **PROCEDE ET ENVIRONNEMENT D'EXECUTION POUR EXECUTER DE FACON SECURISEE DES INSTRUCTIONS DE PROGRAMME**
[72] FALK, RAINER, DE
[72] FISCHER, KAI, DE
[72] HEINTEL, MARKUS, DE
[72] MERLI, DOMINIK, DE
[72] ASCHAUER, HANS, DE
[72] KLASEN, WOLFGANG, DE
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[54] **SYSTEME DE DESSALEMENT ALIMENTE PAR L'ENERGIE SOLAIRE**
[72] HLEBAROV, VEJEN, GB
[72] CHAMBERLAIN, DENIS, GB
[72] BINNS, ROBERT, GB
[71] EPICURO LTD, GB
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[54] **VITRAGE FEUILLETE COMPRENANT UN CORDON PROFILE DE CLIPPAGE A RUBAN POLYMERIQUE SUPPLEMENTAIRE ET CORDON PROFILE**
[72] TROMBETTA, NICOLA, IT
[72] DALMASSO, GIOVANNI, IT
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **PLANCHE DE SPORT AQUATIQUE**
[72] SCHROENN, JUSTIN WALTER, CA
[72] SCHROENN, MATTHEW BERNHARD, CA
[71] ZAMBEZI SPORTS INC., CA
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[54] **APPAREIL ET PROCEDE DE TRAITEMENT DU SOL**
[72] HENSLEY, CHARLES, US
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[54] **MOLECULE D'ADN CODANT UNE 5'UTR QUI PERMET UN NIVEAU ELEVE D'EXPRESSION D'UNE PROTEINE RECOMBINANTE DANS UNE PLANTE**
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[54] **DISPOSITIF DE REFORMATAGE OPTIQUE IMAGE-PUPILLE HYBRIDE**
[72] DESROCHES, BRANDON JOSEPH, CA
[72] BEHR, BRADFORD BARTHOLOMEW, US
[72] MEADE, JEFFREY THOMAS, CA
[72] BISMILLA, YUSUF, CA
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[71] TORNADO SPECTRAL SYSTEMS INC., CA
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[54] **SUBSTITUTE CURRENCY FOR GAMING, INSPECTION DEVICE, AND MANUFACTURING METHOD OF SUBSTITUTE CURRENCY FOR GAMING, AND MANAGEMENT SYSTEM FOR TABLE GAMES**
[54] **MONNAIE DE SUBSTITUTION POUR JEU, DISPOSITIF D'INSPECTION, PROCEDE DE FABRICATION D'UNE MONNAIE DE SUBSTITUTION POUR JEU ET SYSTEME DE GESTION DE JEUX DE TABLE**
[72] SHIGETA, YASUSHI, JP
[71] ANGEL PLAYING CARDS CO., LTD., JP
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[54] **SYSTEMES ET PROCEDES POUR UN DISPOSITIF DE FUMAGE DE BARBECUE AUTOMATIQUE**
[72] PARKER, KEVIN KIT, US
[72] NESMITH, ALEXANDER PEYTON, US
[72] FESTA, JOSEPH A., US
[72] MAALOULY, MICHEL, US
[72] OGUNBIYI, ELIZABETH OLAYINKA, US
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[54] **MOTONEIGE**
[72] MALLETTE, BERTRAND, CA
[72] GAGNON, PASCAL, CA
[72] BEDARD, NICOLAS, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
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[54] **HYBRID SHIP SUPPLEMENTALLY USING WIND-POWERED PROPULSIVE FORCE**
[54] **NAVIRE HYBRIDE UTILISANT LA FORCE DE PROPULSION EOLIENNE EN COMPLEMENT**
[72] MORIMOTO, NOBUYOSHI, JP
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[54] **ANIMAL NON-HUMAIN TRANSGENIQUE EXPRIMANT DES MOLECULES SPECIFIQUES A UN ETRE HUMAIN ET FAMILLE DE RECEPTEURS FC? HUMAINS**
[72] SHIOTA, AKIRA, JP
[72] MIZOROKI, TATSUYA, JP
[72] MORITOKI, YUKI, JP
[71] INSTITUTE OF IMMUNOLOGY CO., LTD., JP
[71] AKITA UNIVERSITY, JP
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[72] YUDATE, FUJITO, JP
[71] KITO CORPORATION, JP
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[54] **ESTIMATING DEFORMATION OF A COMPLETION STRING CAUSED BY AN ECCENTRIC TOOL COUPLED THERETO**
[54] **ESTIMATION DE LA DEFORMATION D'UNE COLONNE DE COMPLETION PROVOQUEE PAR UN OUTIL EXCENTRIQUE ACCOUPLE A CELLE-CI**
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[72] SAMUEL, ROBELLO, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DISPOSITIF DE SECURITE POUR SERINGUE**
[72] WITTLAND, FRANK, DE
[72] VOGL, MAXIMILIAN, DE
[71] GERRESHEIMER REGENSBURG GMBH, DE
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[54] **OUTIL D'ESSAI NON RETOUR DE BLOC D'OBTURATION DE PUITS ET PROCEDE**
[72] WILLIAMS, BRIAN, US
[72] LAFLEUR, GREGORY, US
[71] BACKOFF, LLC, US
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[54] **METHOD FOR PRODUCING A STAINLESS STEEL SHEET WITH MODIFIED VISUAL CHARACTERISTICS**
[54] **PROCEDE DE FABRICATION D'UNE TOLE D'ACIER INOXYDABLE PRESENTANT DES CARACTERISTIQUES VISUELLES MODIFIEES**
[72] TEIPEL, JORN, DE
[72] WIEMER, DIRK, DE
[72] ZOPPKE, LUTZ, DE
[72] VOGEL, PATRICK, DE
[72] JAAGER, ANDREAS, DE
[72] WEG, MICHAEL, DE
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[54] **ON-DEMAND FUEL DELIVERY SYSTEMS, METHODS AND RELATED DEVICES**
[54] **SYSTEMES ET PROCEDES DE DISTRIBUTION DE CARBURANT A LA DEMANDE, ET DISPOSITIFS CONNEXES**
[72] AUBUCHON, CHRISTOPHER, US
[72] HEMPY, SCOTT, US
[72] BURTZLAFF, ROBERT, US
[71] FILLD, INC., US
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[25] EN
[54] **NUCLEOSIDE ANALOGS FOR TREATMENT OF THE FLAVIVIRIDAE FAMILY OF VIRUSES AND CANCER**
[54] **ANALOGUES DE NUCLEOSIDES A UTILISER POUR LE TRAITEMENT D'INFECTIONS PAR DES VIRUS DE LA FAMILLE DES FLAVIVIRIDAE ET DU CANCER**
[72] COATS, STEVEN J., US
[72] AMBLARD, FRANCK, US
[72] MENGSHETTI, SEEMA, US
[72] LI, HAO, US
[72] SCHINAZI, RAYMOND F., US
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[71] EMORY UNIVERSITY, US
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[54] **ANTI-INTERLEUKIN ANTIBODY PREPARATIONS FOR DELIVERY INTO A LUMEN OF THE INTESTINAL TRACT USING A SWALLOWABLE DRUG DELIVERY DEVICE**
[54] **PREPARATIONS D'ANTICORPS ANTI-INTERLEUKINES A ADMINISTRER DANS LA LUMIERE DU TRACTUS INTESTINAL AU MOYEN D'UN DISPOSITIF D'ADMINISTRATION PHARMACOLOGIQUE A AVALER**
[72] IMRAN, MIR, US
[72] KORUPOLU, RADHIKA, US
[72] TO, ELAINE, US
[72] HASHIM, MIR, US
[71] INCUBE LABS, LLC, US
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[54] **SYSTEME DE SURVEILLANCE DE SECURITE DE FREINAGE DE TRAIN ET D'ACTION EN CAS DE PANNE**
[72] WRIGHT, ERIC C., US
[72] CONNEL, JASON, US
[71] NEW YORK AIR BRAKE LLC, US
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[54] **NOVEL PRODRUGS OF DITHIOL MUCOLYTIC AGENTS**
[54] **NOUVEAUX PROMEDICAMENTS D'AGENTS MUCOLYTIQUES A BASE DE DITHIOL**
[72] JOHNSON, MICHAEL ROSS, US
[72] THELIN, WILLIAM R., US
[71] PARION SCIENCES, INC., US
[85] 2017-10-30
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[25] EN
[54] **MOBILE PONTOON AND FERRY CROSSING EQUIPMENT, A PONTOON AND A FERRY ACCOMPANYING THIS EQUIPMENT**
[54] **EQUIPEMENT DE TRANSBORDEMENT A BAC ET PONTON DU TYPE MOBILE, PONTON ET BAC ETANT ASSOCIES A CET EQUIPEMENT**
[72] BERENT, BOGDAN, PL
[72] FLORCZYK, JANUSZ, PL
[72] FRET, JOZEF, PL
[72] FRET, ROBERT, PL
[72] GAJEWSKI, ANDRZEJ, PL
[71] E-INTERPROJECT SP. Z O.O., PL
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[25] EN
[54] **CUTTING TOOL WITH EXPANDABLE CUTTER BASES AND NOSE SECTION CUTTING CAPABILITY**
[54] **OUTIL DE COUPE AVEC BASES DE COUPE EXTENSIBLES ET APTITUDE A LA COUPE D'UNE PARTIE DE NEZ**
[72] RUTTLEY, DAVID, J., US
[71] ABRADO, INC., US
[85] 2017-10-30
[86] 2015-05-01 (PCT/US2015/028821)
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[54] **COLD GAS SPRAY COATING METHODS AND COMPOSITIONS**
[54] **PROCEDES DE REVETEMENT PAR PULVERISATION AU GAZ FROID ET COMPOSITIONS**
[72] WILSON, SCOTT, CH
[72] BARTH, ALEXANDER, CH
[72] NESTLER, MONTIA, US
[72] KUDAPA, SATYA, US
[71] OERLIKON METCO (US) INC., US
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[54] **DISPOSITIF ET PROCEDE D'ENTRAINEMENT A UN INSTRUMENT POUR LES POUMONS**
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[72] ROSE, WILLIAM, US
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[54] **COMPOSITE THERMOPLASTIC POLYMERS BASED ON REACTION WITH BIORENEWABLE OILS**
[54] **POLYMERES THERMOPLASTIQUES COMPOSITES BASES SUR UNE REACTION AVEC DES HUILES BIO-RENOUVELABLES**
[72] KURTH, TODD, US
[72] TABATABAEE, HASSAN, US
[71] CARGILL, INCORPORATED, US
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[54] **SILK-BASED MOISTURIZER COMPOSITIONS AND METHODS THEREOF**
[54] **COMPOSITIONS HYDRATANTES A BASE DE SOIE ET PROCEDES CORRESPONDANTS**
[72] ALTMAN, GREGORY H., US
[72] HAAS, DYLAN S., US
[72] HEALY, KEVIN T., US
[71] SILK THERAPEUTICS, INC., US
[85] 2017-10-30
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[54] **MONOLITHIC TABLETS BASED ON CARBOXYL POLYMERIC COMPLEXES FOR CONTROLLED DRUG RELEASE**
[54] **COMPRIMES MONOLITHIQUES A BASE DE COMPLEXES POLYMERES DE CARBOXYLE POUR LA LIBERATION CONTROLEE DE MEDICAMENTS**
[72] MATEESCU, MIRCEA-ALEXANDRU, CA
[72] LE, TIEN CANH, CA
[71] MATRIPHARM INC., CA
[85] 2017-10-30
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[54] **FLUORESCENCE BIOPSY SPECIMEN IMAGER AND METHODS**
[54] **IMAGEUR D'ECHANTILLON DE BIOPSIE PAR FLUORESCENCE ET PROCEDES**
[72] WANG, HAN-WEI, US
[71] LI-COR, INC., US
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[54] **SYSTEM AND METHOD FOR TRANSFERRING POUCHES**
[54] **SYSTEME ET PROCEDE DE TRANSFERT DE SACHETS**
[72] BIANCHI, PAOLO, IT
[71] FILLSHAPE S.R.L., IT
[85] 2017-10-27
[86] 2016-02-19 (PCT/IB2016/050907)
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[54] **FILTER ELEMENT WITH MAGNETIC ARRAY**
[54] **ELEMENT DE FILTRE A RESEAU MAGNETIQUE**
[72] FLEENOR, JEFF, US
[72] STOCKDALE, KURTIS, US
[71] FLEENOR MANUFACTURING, INC., US
[85] 2017-10-30
[86] 2016-04-29 (PCT/US2016/030119)
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[54] **PROCESS FOR PREPARING AN ANTI-CANCER AGENT, 1-((4-(4-FLUORO-2-METHYL-1H-INDOL-5-YLOXY)-6-METHOXYQUINOLIN-7-YLOXY)METHYL) CYCLOPROPANAMINE, ITS CRYSTALLINE FORM AND ITS SALTS**
[54] **PROCEDE DE PREPARATION D'UN AGENT ANTICANCEREUX 1-((4-(4-FLUORO-2-METHYL-1H-INDOL-5-YLOXY)-6-METHOXYQUINOLINE-7-YLOXY)METHYL) CYCLOPROPANAMINE, SA FORME CRISTALLINE ET SES SELS**
[72] CHEN, GUOQING PAUL, US
[72] YAN, CHANGREN, US
[71] ADVENCHEN PHARMACEUTICALS, LLC, US
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[54] **METHODS AND APPARATUS TO DELIVER THERAPEUTIC NON-ULTRAVIOLET ELECTROMAGNETIC RADIATION FOR AN ENDOTRACHEAL TUBE**
[54] **PROCEDES ET APPAREIL POUR ADMINISTRER UN RAYONNEMENT ELECTROMAGNETIQUE THERAPEUTIQUE NON-ULTRAVIOLET POUR UN TUBE TRACHEAL**
[72] BARNECK, MITCHELL D., US
[72] RHODES, NATHANIEL L., US
[72] DE LA PRESA, MARTIN, US
[72] POURSAID, ARASH E., US
[71] VERITAS MEDICAL, L.L.C., US
[85] 2017-10-30
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[54] **SYNTHETIC RESIN CONTAINER**
[54] **RECIPIENT DE RESINE SYNTHETIQUE**
[72] USAMI, TETSURO, JP
[72] KOBAYASHI, TAKAYUKI, JP
[72] IMAI, HIROAKI, JP
[71] YOSHINO KOGYOSHO CO., LTD., JP
[85] 2017-10-27
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[54] **TPP1 FORMULATIONS AND METHODS FOR TREATING CLN2 DISEASE**
[54] **FORMULATIONS DE TPP1 ET METHODES DE TRAITEMENT DE LA MALADIE CLN2**
[72] LESTER, THOMAS W., US
[72] MOSHASHAEE, SAEED, US
[72] OKHAMAFE, AUGUSTUS O., US
[72] O'NEILL, CHARLES A., US
[71] BIOMARIN PHARMACEUTICAL INC., US
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[54] **BLENDING CONTAINER FOR USE WITH BLENDING APPARATUS**
[54] **RECIPIENT DE MELANGE POUR UTILISATION AVEC UN APPAREIL DE MELANGE**
[72] VU, MY, US
[72] PINEDA, ELVINE, US
[72] UDOMPHOL, MATTHEW, US
[71] NORTH AMERICAN ROBOTICS CORPORATION, US
[85] 2017-10-30
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[54] **BIOLOGICAL DISC GRAFT AND METHOD FOR RELIEF OF LOWER BACK PAIN AND JOINT PAIN**
[54] **GREFFE DE DISQUE BIOLOGIQUE ET PROCEDE PERMETTANT DE SOULAGER DOULEUR LOMBAIRE ET DOULEUR ARTICULAIRE**
[72] CORENMAN, DONALD STEVEN, US
[71] CORENMAN, DONALD STEVEN, US
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[54] **DIAGNOSTIC LATERAL WELLBORES AND METHODS OF USE**
[54] **PUITS DE FORAGE LATERAUX DE DIAGNOSTIC ET LEURS PROCEDES D'UTILISATION**
[72] CREWS, JAMES B., US
[72] HURT, ROBERT SAMUEL, US
[72] JO, HYUNIL, US
[72] HUANG, TIANPING, US
[72] BESTAOUI-SPURR, NAIMA, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
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[54] **MECANISME D'ENTRAINEMENT PAR COURROIE**
[72] YUAN, JING, US
[71] GATES CORPORATION, US
[85] 2017-10-30
[86] 2016-05-13 (PCT/US2016/032503)
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[54] **HYBRID AUTOMATIC REPEAT REQUEST (HARQ) IN LISTEN BEFORE TALK SYSTEMS**
[54] **DEMANDE DE REPETITION AUTOMATIQUE HYBRIDE (HARQ) DANS DES SYSTEMES "ECOUTER AVANT DE PARLER"**
[72] ANDREOLI-FANG, JENNIFER, US
[72] BABAEI, ALIREZA, US
[71] CABLE TELEVISION LABORATORIES, INC., US
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[54] **NON-BURNING TYPE FLAVOR INHALER, FLAVOR SOURCE UNIT, AND ATOMIZING UNIT**
[54] **INHALATEUR D'AROME DE TYPE SANS COMBUSTION, UNITE SOURCE DE COMPOSANT D'INHALATION D'AROME, ET UNITE D'ATOMISATION**
[72] SUZUKI, AKIHIKO, JP
[72] NAKANO, TAKUMA, JP
[72] YAMADA, MANABU, JP
[71] JAPAN TOBACCO INC., JP
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[54] **AUGMENTED REALITY SYSTEMS AND METHODS FOR TRACKING BIOMETRIC DATA**
[54] **SYSTEMES ET PROCEDES DE REALITE AUGMENTEE DESTINES A SUIVRE DES DONNEES BIOMETRIQUES**
[72] BRADSKI, GARY R., US
[71] MAGIC LEAP, INC., US
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[54] **BOITE DE COMMERCIALISATION DOUBLE**
[72] KEEDER, KAREN, US
[71] KELLOGG COMPANY, US
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[54] **APPAREIL DE FORAGE DOTE D'UN ARBRE D'ENTRAINEMENT INCLINE FIXE INTERIEUREMENT**
[72] GHARIB, HOSSAM, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ANTIGEN-BINDING CONSTRUCTS TARGETING HER2**
[54] **CONSTRUCTIONS DE LIAISON A UN ANTIGENE CIBLANT HER2**
[72] ESCOBAR-CABRERA, ERIC, CA
[72] PRESTA, LEONARD G., CA
[71] ZYMEWORKS, INC., CA
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[25] EN
[54] **VALVE FOR USE IN THE FEED PIPE OR RETURN PIPE OF A HEATING OR COOLING WATER CIRCUIT**
[54] **VANNE DESTINEE A ETRE UTILISEE DANS L'ARRIVEE OU L'EVACUATION D'UN CIRCUIT D'EAU DE CHAUFFAGE OU DE REFROIDISSEMENT**
[72] DICKENSCHEID, LOTHAR, CH
[71] TACONOVA GROUP AG, CH
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[54] **NEBULISEURS ET LEURS UTILISATIONS**
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[71] OMEGA LIFE SCIENCE LTD., IL
[85] 2017-10-30
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[54] **ANTI-AGING COMPOSITION COMPRISING A PLANT EXTRACT**
[54] **COMPOSITION ANTI-AGE COMPRENANT UN EXTRAIT DE PLANTE**
[72] SIMARD, ERIC, CA
[72] TITORENKO, VLADIMIR, CA
[71] IDUNN TECHNOLOGIES, CA
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[54] **PRESSURE BALANCED TRANSDUCER ASSEMBLY AND MEASUREMENT TOOL**
[54] **ENSEMBLE TRANSDUCTEUR A EQUILIBRAGE DE PRESSION ET OUTIL DE MESURE**
[72] ANG, JUNHUAN, SG
[72] RAHMAN, ATIQUR, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **WIRELESS ELECTRIC/MAGNETIC FIELD POWER TRANSFER SYSTEM, TRANSMITTER AND RECEIVER**
[54] **SYSTEME DE TRANSFERT D'ENERGIE DE CHAMP ELECTRIQUE/MAGNETIQUE SANS FIL, EMETTEUR ET RECEPTEUR**
[72] POLU, NAGESH, CA
[72] BARTLETT, ANDREW, CA
[71] SOLACE POWER INC., CA
[85] 2017-10-31
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[72] LECLAIR, STEPHANE, DE
[72] ENDELL, JAN, DE
[72] HARTLE, STEFAN, DE
[71] MORPHOSYS AG, DE
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[54] **MANUFACTURE OF STRAINED FERMENTED DAIRY PRODUCTS**
[54] **FABRICATION DE PRODUITS LAITIERS FERMENTES EGOUTTES**
[72] DE LA CRUZ, LUIS, US
[72] MCCORMICK, CASEY, US
[72] MARCHAL, LAURENT, FR
[72] SAINT-DENIS, THIERRY, US
[71] COMPAGNIE GERVAIS DANONE, FR
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[30] US (62/158,390) 2015-05-07
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[54] **SYSTEME DE SECURITE ANTICHUTE**
[72] APONTE LUIS, JUAN, ES
[71] ONTECH SECURITY, S.L., ES
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[25] EN
[54] **METHOD FOR MEASURING TEAR CONSTITUTENTS IN A TEAR SAMPLE**
[54] **PROCEDE DE MESURE DE CONSTITUANTS DE LARME DANS UN ECHANTILLON DE LARME**
[72] SOMMER, AMOS, IL
[72] FAKTOR, OURIEL, IL
[72] EILAT, ERAN, IL
[71] DIAGNOSTEAR, LTD., IL
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[30] US (62/156,093) 2015-05-01
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[25] EN
[54] **SYSTEM AND METHOD TO FACILITATE MONITORING AND TRACKING OF PERSONNEL IN A CLOSED OPERATIONAL NETWORK**
[54] **SYSTEME ET PROCEDE PERMETTANT DE FACILITER LA SURVEILLANCE ET LE SUIVI DE PERSONNEL DANS UN RESEAU OPERATIONNEL FERME**
[72] ANAND, AMIT, CA
[71] ANAND, AMIT, CA
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[51] **Int.Cl. A61B 5/20 (2006.01) A61B 5/053 (2006.01) A61B 5/00 (2006.01) A61B 5/01 (2006.01) A61B 5/11 (2006.01)**
[25] EN
[54] **NON-INVASIVE DETECTION OF THE BACKFLOW OF URINE**
[54] **DETECTION NON INVASIVE DE REFLUX D'URINE**
[72] LOUGHNEY, SARAH, IE
[72] BRUZZI, MARK, IE
[72] O'HALLORAN, MARTIN, IE
[72] PURI, PREM, IE
[72] ELEUTERIO, RICARDO, PT
[71] NATIONAL UNIVERSITY OF IRELAND, GALWAY, IE
[85] 2017-10-30
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[54] **POLYESTER RESIN POWDER MIXTURE**
[54] **MELANGE DE POUDRE DE RESINE DE POLYESTER**
[72] WATANABE, KEI, JP
[72] TAKEDA, KAZUSADA, JP
[72] NISHIMURA, YOSUKE, JP
[72] TAKEZAKI, HIROSHI, JP
[72] MIYAMA, HISASHI, JP
[72] NISHIDA, MIKIYA, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-10-31
[86] 2016-04-27 (PCT/JP2016/063241)
[87] (WO2017/002443)
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[51] **Int.Cl. A61M 5/32 (2006.01) A61M 5/31 (2006.01) A61M 5/34 (2006.01)**
[25] EN
[54] **SAFETY DEVICE FOR A SYRINGE**
[54] **DISPOSITIF DE SECURITE POUR UNE SERINGUE**
[72] FRAAS, ANDREAS, DE
[72] VOGL, MAXIMILIAN, DE
[71] GERRESHEIMER REGENSBURG GMBH, DE
[85] 2017-10-30
[86] 2016-06-09 (PCT/EP2016/063116)
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[51] **Int.Cl. B60K 1/04 (2006.01) H01M 2/10 (2006.01)**
[25] EN
[54] **VEHICLE BATTERY UNIT**
[54] **UNITE DE BATTERIE POUR VEHICULE**
[72] NAKAYAMA, SHINYA, JP
[72] TAKEDOMI, HARUMI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-10-31
[86] 2016-05-23 (PCT/JP2016/065214)
[87] (WO2016/194684)
[30] JP (2015-113855) 2015-06-04

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[51] **Int.Cl. G06F 21/83 (2013.01) G06F 21/86 (2013.01) H05K 5/02 (2006.01)**
[25] EN
[54] **DETECTION OF THE OPENING OF A DATA INPUT DEVICE**
[54] **DETECTION D'OUVERTURE D'UN DISPOSITIF DE SAISIE DE DONNEES**
[72] BARNERON, SYLVAIN, FR
[72] ROUX, JULIEN, FR
[71] INGENICO GROUP, FR
[85] 2017-10-27
[86] 2016-05-09 (PCT/EP2016/060319)
[87] (WO2016/180772)
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[51] **Int.Cl. C07D 403/10 (2006.01) C07D 213/55 (2006.01) C07D 295/192 (2006.01) C07D 295/205 (2006.01) C07D 403/00 (2006.01)**
[25] EN
[54] **METHODS OF TREATING INFLAMMATION OR NEUROPATHIC PAIN**
[54] **PROCEDES DE TRAITEMENT DE L'INFLAMMATION OU DE LA DOULEUR NEUROPATHIQUE**
[72] BLANKMAN, JACQUELINE LORAYNE, US
[72] CLAPPER, JASON ROBERT, US
[72] EZEKOWITZ, R ALAN B, US
[72] FRASER, IAIN PETER, US
[72] GRICE, CHERYL A., US
[72] JONES, TODD K., US
[72] O'NEILL, GARY PAUL, US
[72] THURSTON, ARCHIE WAYNE, JR., US
[72] BEALS, CHANNING RODNEY, US
[71] ABIDE THERAPEUTICS, INC., US
[85] 2017-10-27
[86] 2016-05-10 (PCT/US2016/031668)
[87] (WO2016/183097)
[30] US (62/159,770) 2015-05-11
[30] US (62/297,670) 2016-02-19

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[51] **Int.Cl. A61K 48/00 (2006.01) C07K 14/47 (2006.01) C07K 19/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS OF CHIMERIC AUTOANTIBODY RECEPTOR T CELLS**
[54] **COMPOSITIONS DE RECEPTEURS D'AUTO-ANTICORPS CHIMERIQUES ET PROCEDES AFFERENTS**
[72] PAYNE, AIMEE S., US
[72] ELLEBRECHT, CHRISTOPH T., US
[72] BHOJ, VIJAY, US
[72] MILONE, MICHAEL C., US
[71] THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA, US
[85] 2017-10-31
[86] 2015-05-01 (PCT/US2015/028872)
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[30] US (61/987,989) 2014-05-02

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[51] **Int.Cl. G06N 99/00 (2010.01)**
[25] EN
[54] **CO-PLANAR WAVEGUIDE FLUX QUBITS**
[54] **BITS QUANTIQUES DE FLUX DE GUIDES D'ONDES COPLANAIRES**
[72] MARTINIS, JOHN, US
[72] SANK, DANIEL THOMAS, US
[72] BARZEGAR, ALIREZA SHABANI, US
[72] CHEN, YU, US
[71] GOOGLE INC., US
[85] 2017-10-31
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[51] **Int.Cl. F21V 15/01 (2006.01) F21V 29/74 (2015.01) F21K 9/00 (2016.01) F21V 31/00 (2006.01) F21V 7/00 (2006.01) F21V 21/30 (2006.01) F21V 23/00 (2015.01)**
[25] EN
[54] **DIRECTIONAL ACCENT LUMINAIRE**
[54] **LUMINAIRE D'ACCENT DIRECTIONNEL**
[72] DUCKWORTH, JASON, US
[72] ENTREKIN, STEVE, US
[71] HUBBELL INCORPORATED, US
[85] 2017-10-31
[86] 2015-12-30 (PCT/US2015/068125)
[87] (WO2016/178719)
[30] US (62/155,979) 2015-05-01

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[13] A1
[51] **Int.Cl. A01C 1/06 (2006.01) A01G 7/06 (2006.01) A01H 17/00 (2006.01) A01N 63/02 (2006.01) A01N 63/04 (2006.01)**
[25] EN
[54] **ISOLATED COMPLEX ENDOPHYTE COMPOSITIONS AND METHODS FOR IMPROVED PLANT TRAITS**
[54] **COMPOSITIONS D'ENDOPHYTES COMPLEXES ISOLES ET PROCEDES D'AMELIORATION DE TRAITS VEGETAUX**
[72] AMBROSE, KAREN V., US
[72] BOGHIGIAN, BRETT A., US
[72] DJONVIC, SLAVICA, US
[72] GRAY, PAUL ANDREW, US
[72] TOLEDO, GERARDO V., US
[72] MARQUEZ, LUIS MIGUEL, US
[72] VON MALTZAHN, GEOFFREY, US
[71] INDIGO AGRICULTURE, INC., US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/030292)
[87] (WO2016/179046)
[30] US (62/156,001) 2015-05-01

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[13] A1
[51] **Int.Cl. A47L 13/20 (2006.01)**
[25] EN
[54] **MOP BUCKET**
[54] **SEAU POUR BALAI A FRANGES**
[72] BALZ, ERIC, US
[72] GINGRAS, ERIC, US
[72] LATIMER, SCOTT, US
[72] VAN LANDINGHAM, JR., ALFRED RENEAU, US
[71] ECOLAB USA INC., US
[85] 2017-10-31
[86] 2016-04-29 (PCT/US2016/030017)
[87] (WO2016/178969)
[30] US (62/155,772) 2015-05-01

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[13] A1
[51] **Int.Cl. A61G 1/044 (2006.01) A61G 1/003 (2006.01) A61G 1/04 (2006.01) A61G 1/048 (2006.01)**
[25] EN
[54] **EMERGENCY RESCUE STRETCHER AND METHODS OF USING THE SAME**
[54] **CIVIERE DE SAUVETAGE D'URGENCE ET SES PROCEDES D'UTILISATION**
[72] ALLEN, ERIC, US
[71] FAST RESCUE SOLUTIONS, LLC, US
[85] 2017-10-31
[86] 2016-04-29 (PCT/US2016/030048)
[87] (WO2016/178976)
[30] US (62/155,737) 2015-05-01
[30] US (62/293,456) 2016-02-10

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[13] A1
[51] **Int.Cl. G06F 13/10 (2006.01) G06F 13/40 (2006.01) H05B 37/02 (2006.01) H05B 39/02 (2006.01) H05B 39/04 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS, AND METHODS FOR CONTROLLING ELECTRICAL LOADS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE COMMANDE DE CHARGES ELECTRIQUES**
[72] WEBER, THEODORE E., US
[72] ROSENAU, MARK A., US
[72] KROHNE, EDWARD J., US
[72] ZITZ, STEPHAN K., US
[72] HARTNAGEL, THOMAS J., US
[72] RIVAS, EDWARD L., US
[72] MUECKE, MICHAEL L., US
[72] BASELICI, PETER A., US
[72] ARBOUW, TERRENCE R., US
[71] HUBBELL INCORPORATED, US
[85] 2017-10-31
[86] 2016-04-29 (PCT/US2016/030173)
[87] (WO2016/179018)
[30] US (62/155,918) 2015-05-01

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[13] A1
[51] **Int.Cl. G01N 33/50 (2006.01) A61K 31/00 (2006.01) C12Q 1/04 (2006.01)**
[25] EN
[54] **NUCLEIC ACID DETECTION AND QUANTIFICATION METHOD AND COMPOSITIONS**
[54] **PROCEDE DE QUANTIFICATION ET DE DETECTION D'ACIDES NUCLEIQUES ET COMPOSITIONS**
[72] SPENCER, JOEL D., US
[72] LANGE, AMY, US
[72] EDWARD, JESSICA, US
[72] VELDKAMP, ARDEAN, US
[72] KING, MICHAEL R., US
[72] SON, SONA, US
[71] MICROBIAL DISCOVERY GROUP LLC, US
[71] JBS UNITED, INC., US
[85] 2017-10-31
[86] 2016-04-29 (PCT/US2016/030223)
[87] (WO2016/179027)
[30] US (62/155,778) 2015-05-01
[30] US (62/165,127) 2015-05-21

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[13] A1
[51] **Int.Cl. C04B 35/00 (2006.01) C09D 5/23 (2006.01)**
[25] EN
[54] **STABLE NANOMAGNETIC PARTICLE DISPERSIONS**
[54] **DISPERSIONS STABLES DE NANOPARTICULES MAGNETIQUES**
[72] GOHEL, DHANESH, US
[72] ZHANG, HONG, US
[72] RANSOM, JOHN, US
[71] BIOLEGEND, INC., US
[85] 2017-10-31
[86] 2016-04-30 (PCT/US2016/030327)
[87] (WO2016/179053)
[30] US (62/156,141) 2015-05-01

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[51] **Int.Cl. B05B 12/06 (2006.01) A62C 13/70 (2006.01) A62C 35/02 (2006.01) B05B 1/08 (2006.01)**
[25] EN
[54] **DEVICES AND METHODS FOR IMPULSE EJECTION OF MEDIUM**
[54] **DISPOSITIFS ET PROCEDE D'EJECTION PULSEE D'UN MILIEU**
[72] STEUR, MARTIJN, DE
[71] STEUR, MARTIJN, DE
[85] 2017-10-27
[86] 2016-04-11 (PCT/EP2016/057922)
[87] (WO2016/162563)
[30] DE (10 2015 206 425.5) 2015-04-10

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[13] A1
[51] **Int.Cl. A61M 5/32 (2006.01)**
[25] EN
[54] **SAFETY DEVICE FOR PREFILLED SYRINGES**
[54] **DISPOSITIF DE SECURITE POUR SERINGUES PREREMPLISSABLES**
[72] WITTLAND, FRANK, DE
[72] VOGL, MAXIMILIAN, DE
[71] GERRESHEIMER REGENSBURG GMBH, DE
[71] GERRESHEIMER BUNDE GMBH, DE
[85] 2017-10-27
[86] 2016-06-03 (PCT/EP2016/062713)
[87] (WO2016/202614)
[30] EP (15172153.7) 2015-06-15

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[13] A1
[51] **Int.Cl. A01C 1/06 (2006.01) A01G 7/06 (2006.01) A01H 17/00 (2006.01) A01N 63/02 (2006.01) A01N 63/04 (2006.01)**
[25] EN
[54] **DESIGNED COMPLEX ENDOPHYTE COMPOSITIONS AND METHODS FOR IMPROVED PLANT TRAITS**
[54] **COMPOSITIONS D'ENDOPHYTES COMPLEXES DESIGNES ET PROCEDES D'AMELIORATION DE TRAITS VEGETAUX**
[72] AMBROSE, KAREN V., US
[72] BOGHIGIAN, BRETT A., US
[72] DJONOVIC, SLAVICA, US
[72] GRAY, PAUL ANDREW, US
[72] TOLEDO, GERARDO V., US
[72] MARQUEZ, LUIS MIGUEL, US
[72] PELAEZ, JULIANNE NAOMI, US
[72] VON MALTZAHN, GEOFFREY, US
[71] INDIGO AGRICULTURE, INC., US
[85] 2017-10-27
[86] 2016-04-29 (PCT/US2016/030293)
[87] (WO2016/179047)
[30] US (62/156,006) 2015-05-01

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[51] **Int.Cl. C12N 15/113 (2010.01) A61K 31/713 (2006.01) A61P 31/20 (2006.01) C07H 21/02 (2006.01) C12N 15/63 (2006.01)**
[25] EN
[54] **REAGENTS FOR TREATMENT OF HEPATITIS B VIRUS (HBV) INFECTION AND USE THEREOF**
[54] **REACTIFS POUR LE TRAITEMENT DE L'INFECTION PAR LE VIRUS DE L'HEPATITE B (VHB) ET UTILISATION DE CEUX-CI**
[72] MAO, TIN, US
[72] KAO, SHIH-CHU, US
[72] SUHY, DAVID, US
[72] GRAHAM, MICHAEL, US
[71] BENITEC BIOPHARMA LIMITED, AU
[85] 2017-10-31
[86] 2016-05-06 (PCT/AU2016/050340)
[87] (WO2016/176745)
[30] AU (2015901617) 2015-05-06
[30] US (62/319,971) 2016-04-08

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[13] A1
[51] **Int.Cl. C22C 38/18 (2006.01) C21D 6/00 (2006.01) C21D 7/02 (2006.01) C21D 8/12 (2006.01) C21D 9/46 (2006.01) C22C 38/00 (2006.01)**
[25] FR
[54] **MARTENSITIC STAINLESS STEEL, METHOD FOR THE PRODUCTION OF A SEMI-FINISHED PRODUCT FROM SAID STEEL, AND CUTTING TOOL PRODUCED FROM THE SEMI-FINISHED PRODUCT**
[54] **ACIER INOXYDABLE MARTENSITIQUE, PROCEDE DE FABRICATION D'UN DEMI-PRODUIT EN CET ACIER ET OUTIL DE COUPE REALISE A PARTIR DE CE DEMI-PRODUIT**
[72] CHASSAGNE, FRANCIS, FR
[72] HAEGELI, FRANCOISE, FR
[71] APERAM, LU
[85] 2017-10-27
[86] 2016-04-29 (PCT/EP2016/059684)
[87] (WO2016/146857)
[30] IB (PCT/IB2015/053144) 2015-04-30

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[13] A1
[51] **Int.Cl. E05B 67/00 (2006.01) E05B 15/16 (2006.01) E05B 45/00 (2006.01) E05B 47/00 (2006.01)**
[25] EN
[54] **LOCK FORMED BY A STRAND, FOR SECURING OBJECTS**
[54] **ANTIVOL A CABLE POUR LA SECURISATION D'OBJETS**
[72] MIKSCH, ROXANA, DE
[72] BAUM, ALEXANDRA, DE
[71] ALEXANDRA BAUM, DE
[85] 2017-10-27
[86] 2016-04-29 (PCT/EP2016/000694)
[87] (WO2016/173716)
[30] DE (10 2015 005 411.2) 2015-04-29
[30] DE (10 2015 005 412.0) 2015-04-29

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[13] A1
[51] **Int.Cl. H04W 4/06 (2009.01)**
[25] EN
[54] **DYNAMIC EVENT SIGNALING**
[54] **SIGNALISATION D'EVENEMENT DYNAMIQUE**
[72] DESHPANDE, SACHIN G., US
[71] SHARP KABUSHIKI KAISHA, JP
[85] 2017-10-27
[86] 2016-04-28 (PCT/JP2016/002227)
[87] (WO2016/178320)
[30] US (62/157,910) 2015-05-06
[30] US (62/182,608) 2015-06-21
[30] US (62/187,390) 2015-07-01
[30] US (62/251,051) 2015-11-04

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[13] A1
[51] **Int.Cl. G01S 1/00 (2006.01) H04W 64/00 (2009.01) G01S 5/00 (2006.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS RELATING TO THE USE OF REAL AND/OR VIRTUAL BEACONS**
[54] **PROCEDES ET APPAREIL SE RAPPORTANT A L'UTILISATION DE BALISES REELLES ET/OU VIRTUELLES**
[72] FRIDAY, ROBERT, US
[72] CASTAGNOLI, NEAL DANTE, US
[72] FREI, RANDALL WAYNE, US
[71] MIST SYSTEMS, INC., US
[85] 2017-10-27
[86] 2016-04-30 (PCT/US2016/030326)
[87] (WO2016/176669)
[30] US (62/155,428) 2015-04-30
[30] US (14/811,689) 2015-07-28

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[13] A1
[51] **Int.Cl. A01N 43/40 (2006.01) A01C 1/08 (2006.01) A01N 47/34 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL COMPOSITION AND METHOD FOR CONTROLLING PLANT DISEASES**
[54] **COMPOSITION FONGICIDE ET PROCEDE DE LUTTE CONTRE DES MALADIES DES PLANTES**
[72] ABE, YUZUKA, JP
[71] ISHIHARA SANGYO KAISHA, LTD., JP
[85] 2017-10-30
[86] 2016-05-25 (PCT/JP2016/065502)
[87] (WO2016/194741)
[30] JP (2015-109896) 2015-05-29

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[13] A1
[51] **Int.Cl. C07C 327/38 (2006.01) C07C 327/42 (2006.01)**
[25] EN
[54] **PROCESSES FOR CONVERTING CARBOXAMIDES TO THIOCARBOXAMIDES**
[54] **PROCEDES POUR CONVERTIR DES CARBOXAMIDES EN THIOCARBOXAMIDES**
[72] GRENDZE, MARTIN P., US
[72] MURUGAN, RAMIAH, US
[71] VERTELLUS HOLDINGS LLC, US
[85] 2017-10-30
[86] 2016-05-06 (PCT/US2016/031177)
[87] (WO2016/182900)
[30] US (62/158,909) 2015-05-08

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[13] A1
[51] **Int.Cl. B65G 9/00 (2006.01) F16M 11/12 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **A COUNTERBALANCE SYSTEM AND/OR A METHOD FOR COUNTERBALANCING A LOAD**
[54] **SYSTEME DE CONTREPOIDS ET/OU PROCEDE D'EQUILIBRAGE DE CHARGE**
[72] BAX, JEFFREY SCOTT, CA
[72] WARING, CHRISTOPHER, CA
[72] FENSTER, AARON, CA
[71] CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION (CIMTEC), CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
[85] 2017-10-31
[86] 2015-03-31 (PCT/CA2015/000203)
[87] (WO2016/154708)

[21] **2,984,572**
[13] A1
[51] **Int.Cl. G06T 7/00 (2017.01) E21C 35/00 (2006.01) G01B 21/00 (2006.01) G01M 13/00 (2006.01) G06N 3/02 (2006.01) G06N 3/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR LOCATING A WEAR PART IN AN IMAGE OF AN OPERATING IMPLEMENT**
[54] **PROCEDE ET APPAREIL POUR LOCALISER UNE PIECE D'USURE DANS UNE IMAGE D'UN ORGANE ACTIF**
[72] TAFAZOLI BILANDI, SHAHRAM, CA
[72] RAMEZANI, MAHDI, CA
[72] SUZANI, AMIN, CA
[72] PARNIAN, NEDA, CA
[72] BAUMANN, MATTHEW ALEXANDER, CA
[72] NOURANIAN, SAMAN, CA
[72] HAMZEI, NAZANIN, CA
[72] SAMETI, MOHAMMAD, CA
[72] KARIMIFARD, SAEED, CA
[71] MOTION METRICS INTERNATIONAL CORP, CA
[85] 2017-10-31
[86] 2016-05-13 (PCT/CA2016/000144)
[87] (WO2016/183661)
[30] US (62/162,203) 2015-05-15

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[13] A1
[51] **Int.Cl. B62K 13/00 (2006.01) B62B 7/00 (2006.01) B62K 27/00 (2006.01)**
[25] EN
[54] **BICYCLE CONVERTIBLE TO A STROLLER**
[54] **VELO CONVERTIBLE EN POUSSETTE**
[72] BELL, ROBERT, CA
[72] MICHENER, KALEB, CA
[71] PI MANUFACTURING INC., CA
[85] 2017-10-31
[86] 2016-06-06 (PCT/CA2016/000175)
[87] (WO2016/201549)
[30] US (14/744,636) 2015-06-19

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[13] A1
[51] **Int.Cl. G03F 7/20 (2006.01) B82Y 30/00 (2011.01) B33Y 30/00 (2015.01)**
[25] EN
[54] **IMPROVED STEREOLITHOGRAPHY SYSTEM**
[54] **SYSTEME STEREOLITHOGRAPHIQUE AMELIORE**
[72] CASTANON, DIEGO, CA
[71] FORCAST RESEARCH & DEVELOPMENT CORP., CA
[85] 2017-10-30
[86] 2016-05-02 (PCT/CA2016/050509)
[87] (WO2016/172805)
[30] US (62/155,246) 2015-04-30
[30] CA (PCT/CA2015/050860) 2015-09-04
[30] US (62/275,175) 2016-01-05
[30] CA (PCT/CA2016/050299) 2016-03-17

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[13] A1
[51] **Int.Cl. B65G 9/00 (2006.01) F16M 11/12 (2006.01) F16M 13/00 (2006.01)**
[25] EN
[54] **A COUNTERBALANCING APPARATUS FOR GIMBAL JOINTS AND/OR A METHOD FOR COUNTERBALANCING A LOAD ON A GIMBAL JOINT**
[54] **APPAREIL D'EQUILIBRAGE POUR ARTICULATIONS DE CARDAN ET/OU PROCEDE POUR EQUILIBRER UNE CHARGE SUR UNE ARTICULATION DE CARDAN**
[72] BAX, JEFFREY, CA
[72] BARKER, KEVIN, CA
[72] SHAN, DANDAN, CA
[72] WARING, CHRISTOPHER, CA
[72] FENSTER, AARON, CA
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[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[87] (WO2016/154709)

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[13] A1
[51] **Int.Cl. A61B 8/13 (2006.01) G06T 5/50 (2006.01) G06T 11/60 (2006.01)**
[25] EN
[54] **3D ULTRASOUND IMAGE STITCHING**
[54] **ASSEMBLAGE D'IMAGES ULTRASONORES TRIDIMENSIONNELLES**
[72] BEN-LAVI, ELIEZER AZI, CA
[72] FENSTER, AARON, CA
[71] CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION, CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[51] **Int.Cl. C12N 9/88 (2006.01) A61K 38/51 (2006.01) A61P 31/04 (2006.01) C12N 15/60 (2006.01) C12N 15/70 (2006.01) C12Q 1/14 (2006.01) C12Q 1/527 (2006.01) C12Q 1/66 (2006.01)**
[25] EN
[54] **STAPHYLOCOCCUS LYSIN AND USE THEREOF**
[54] **STAPHYLOCOQUE LYASE ET SON UTILISATION**
[72] WEI, HONGPING, CN
[72] YANG, HANG, CN
[72] YU, JUNPING, CN
[71] WUHAN PHAGELUX BIO-TECH COMPANY LIMITED, CN
[85] 2017-10-31
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[30] CN (201510252947.6) 2015-05-18

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[51] **Int.Cl. F16D 49/00 (2006.01) F16D 65/14 (2006.01) F16D 71/00 (2006.01)**
[25] EN
[54] **SELF-LOCKING BRAKING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE FREINAGE A VERROUILLAGE AUTOMATIQUE**
[72] BAX, JEFFREY, CA
[72] WARING, CHRISTOPHER, CA
[72] FENSTER, AARON, CA
[72] CEPEK, JEREMY, CA
[71] CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION, CA
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[25] EN
[54] **NEW BICYCLIC COMPOUNDS AS DUAL ATX/CA INHIBITORS**
[54] **NOUVEAUX COMPOSES BICYCLIQUES UTILISES EN TANT QU'INHIBITEURS DOUBLES D'ATX/CA**
[72] HERT, JEROME, CH
[72] HUNZIKER, DANIEL, CH
[72] MATTEI, PATRIZIO, CH
[72] RUDOLPH, MARKUS, CH
[72] SCHMITZ, PETRA, CH
[72] ULLMER, CHRISTOPH, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **FUSED-RING OR TRICYCLIC ARYL PYRIMIDINE COMPOUND USED AS KINASE INHIBITOR**
[54] **COMPOSE ARYL-PYRIMIDINE TRICYCLIQUE OU A CYCLE FUSIONNE UTILISE COMME INHIBITEUR DE KINASE**
[72] DING, CHARLES Z., CN
[72] CHEN, SHUHUI, CN
[72] ZHAO, BAOPING, CN
[72] LIU, XILE, CN
[72] XIAO, LINXIA, CN
[72] DING, CHAO, CN
[72] WANG, FEI, CN
[72] LI, JIAN, CN
[71] GUANGDONG ZHONGSHENG PHARMACEUTICAL CO., LTD., CN
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[86] 2016-04-20 (PCT/CN2016/079715)
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[25] EN
[54] **BIOMARKERS FOR THE DETECTION OF ACUTE REJECTION IN HEART TRANSPLANTATION**
[54] **BIOMARQUEURS POUR LA DETECTION DU REJET AIGU DE GREFFE DU C UR**
[72] MCMANUS, BRUCE, CA
[72] NG, RAYMOND, CA
[72] TEBBUTT, SCOTT, CA
[72] WILSON-MCMANUS, JANET, CA
[72] HOLLANDER, ZSUZSANNA, CA
[72] LAM, KAREN, CA
[72] CHEN, VIRGINIA, CA
[72] DAI, DARLENE, CA
[72] SHANNON, CASEY, CA
[72] IGNASZEWSKI, ANDREW, CA
[72] BALSHAW, ROBERT, CA
[72] MCMASTER, ROBERT, CA
[72] KEOWN, PAUL, CA
[71] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[85] 2017-10-31
[86] 2016-04-28 (PCT/IB2016/052402)
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[25] EN
[54] **HEATING COOKER**
[54] **APPAREIL DE CUISSON THERMIQUE**
[72] SIMAOKA, TAKANORI, JP
[71] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2017-10-30
[86] 2016-05-24 (PCT/JP2016/002507)
[87] (WO2016/189859)
[30] JP (2015-108878) 2015-05-28

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[51] **Int.Cl. H04B 7/185 (2006.01) G01S 3/42 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MOBILE COMMUNICATION THROUGH GEOSTATIONARY SATELLITES**
[54] **SYSTEME ET PROCEDE DE COMMUNICATIONS MOBILES VIA DES SATELLITES GEOSTATIONNAIRES**
[72] ZACHARIA, BEREJIK, IL
[72] LITOCHEVSKI, MORDECHAI, IL
[72] KRAVITZ, SHAHAR, IL
[71] HISKY SCS LTD., IL
[85] 2017-10-31
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[51] **Int.Cl. B24B 9/04 (2006.01) A63C 3/10 (2006.01)**
[25] EN
[54] **BLADE SHARPENING SYSTEM AND METHOD OF USING THE SAME**
[54] **SYSTEME D'AIGUISAGE DE LAME ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] PROULX, DENIS, CA
[71] AIGUISAGE ELITE INC., CA
[85] 2017-10-27
[86] 2016-04-27 (PCT/CA2016/050485)
[87] (WO2016/172794)
[30] US (62/153,179) 2015-04-27

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[51] **Int.Cl. G08B 13/24 (2006.01)**
[25] EN
[54] **ACCESS CONTROL SYSTEM FOR USE IN RESTRICTED AREAS AND INDUSTRIAL ENVIRONMENTS**
[54] **SYSTEME DE CONTROLE D'ACCES A DES ZONES REGLEMENTEES ET A DES ESPACES INDUSTRIELS**
[72] APONTE LUIS, JUAN, ES
[71] ONTECH SECURITY SL, ES
[85] 2017-10-31
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[25] EN
[54] **WIG BASE AND WIG**
[54] **BASE DE PERRUQUE ET PERRUQUE**
[72] TOBA, MAYUMI, JP
[71] ADERANS COMPANY LIMITED, JP
[85] 2017-10-31
[86] 2016-04-26 (PCT/JP2016/063044)
[87] (WO2016/178390)
[30] JP (2015-094201) 2015-05-01

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[51] **Int.Cl. B25B 27/10 (2006.01) B21D 39/04 (2006.01) B21J 9/06 (2006.01) F16L 13/14 (2006.01)**
[25] EN
[54] **AXIAL SWAGE TOOL**
[54] **OUTIL DE SERTISSAGE AXIAL**
[72] SURESH, SRINIVAS B., US
[71] AEROFIT, LLC, US
[85] 2017-10-31
[86] 2016-05-02 (PCT/US2016/030370)
[87] (WO2016/179070)
[30] US (62/157,370) 2015-05-05
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[51] **Int.Cl. C07C 1/04 (2006.01) C07C 1/10 (2006.01) C07C 1/12 (2006.01) C07C 27/00 (2006.01)**
[25] EN
[54] **PROCESS FOR OPERATING AN INTEGRATED GAS-TO-LIQUIDS FACILITY**
[54] **PROCEDE D'EXPLOITATION D'UNE INSTALLATION INTEGREE DE CONVERSION DE GAZ EN LIQUIDES**
[72] STEYNBERG, ANDRE, US
[72] LIPSKI, ROY, US
[71] VELOCYS TECHNOLOGIES, LTD., GB
[85] 2017-10-31
[86] 2016-04-28 (PCT/US2016/029873)
[87] (WO2016/178915)
[30] US (62/155,995) 2015-05-01

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[13] A1
[51] **Int.Cl. A61K 31/42 (2006.01) A61K 31/41 (2006.01) A61K 31/425 (2006.01)**
[25] EN
[54] **HISTONE DEACETYLASE INHIBITORS AND COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **INHIBITEURS D'HISTONE DESACETYLASE, COMPOSITIONS ET METHODES D'UTILISATION CORRESPONDANTES**
[72] DOMINGUEZ, CELIA, US
[72] MAILLARD, MICHEL C., US
[72] HAUGHAN, ALAN F., US
[72] VAN DE POEL, AMANDA, US
[72] STOTT, ANDREW J., US
[72] LUCKHURST, CHRISTOPHER A., US
[72] SAVILLE-STONES, ELIZABETH A., US
[72] WISHART, GRANT, US
[72] WALL, MICHAEL, US
[72] BRECCIA, PERLA, US
[72] JARVIS, REBECCA E., US
[71] CHDI FOUNDATION, INC., US
[85] 2017-10-31
[86] 2016-05-06 (PCT/US2016/031335)
[87] (WO2016/179554)
[30] US (62/158,363) 2015-05-07

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[13] A1
[51] **Int.Cl. C05F 11/08 (2006.01) A01N 63/00 (2006.01) C12N 1/20 (2006.01)**
[25] EN
[54] **BIO-FERTILISER TO INCREASE AGRICULTURAL YIELD**
[54] **ENGRAIS BIOLOGIQUE POUR L'ACCROISSEMENT DU RENDEMENT DES CULTURES**
[72] CONTRERAS RAMOS, SILVIA MARIBEL, MX
[72] DAVILA VAZQUEZ, GUSTAVO, MX
[72] FLORES HERNANDEZ, FLOR YOHANA, MX
[72] MARINO MARMOLEJO, ERIKA NAHOMY, MX
[72] BOLANOS ROSALES, ROBERTO EMMANUEL, MX
[71] CENTRO DE INVESTIGACION Y ASISTENCIA EN TECNOLOGIA Y DISENO DEL ESTADO DE JALISCO A-C-, MX
[71] ORGANIK BOLLUK S.P.R. DE R.L. DE C.V., MX
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[87] (WO2017/086770)
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[51] **Int.Cl. C12N 15/85 (2006.01) A61K 35/14 (2015.01)**
[25] EN
[54] **HER2/ERBB2 CHIMERIC ANTIGEN RECEPTOR**
[54] **RECEPTEUR ANTIGENIQUE CHIMERIQUE HER2/ERBB2**
[72] AHMED, NABIL M., US
[72] GOTTSCHALK, STEPHEN M.G., US
[72] WELS, WINFRIED, DE
[71] BAYLOR COLLEGE OF MEDICINE, US
[71] GEORG-SPEYER-HAUS, DE
[85] 2017-10-31
[86] 2016-03-18 (PCT/US2016/023253)
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[30] US (62/135,014) 2015-03-18

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[51] **Int.Cl. C07K 16/12 (2006.01) A61K 39/40 (2006.01) A61K 45/06 (2006.01) C07K 14/21 (2006.01)**
[25] EN
[54] **TYPE III SECRETION SYSTEM TARGETING MOLECULES**
[54] **MOLECULES CIBLANT DES SYSTEMES DE SECRETION DE TYPE III**
[72] HOLLANDS, ANDREW, US
[72] TIMMER, JOHN C., US
[72] DEVERAUX, QUINN, US
[72] ECKELMAN, BRENDAN P., US
[71] INHIBRX LP, US
[85] 2017-10-31
[86] 2016-05-02 (PCT/US2016/030429)
[87] (WO2016/179101)
[30] US (62/155,967) 2015-05-01
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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 51/00 (2006.01) A61K 51/08 (2006.01) C07K 1/13 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **IMPROVED METHODS OF IMAGING WITH GA-68 LABELED MOLECULES**
[54] **PROCEDES AMELIORES D'IMAGERIE AVEC DES MOLECULES MARQUEES AU GA-68**
[72] GOLDENBERG, DAVID M., US
[71] IMMUNOMEDICS, INC., US
[85] 2017-10-31
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[87] (WO2017/007807)
[30] US (62/189,495) 2015-07-07

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01) A61M 25/00 (2006.01) A61M 25/01 (2006.01)**
[25] EN
[54] **SHAPED DELIVERY SHEATH AND METHODS**
[54] **GAINE D'ADMINISTRATION FACONNEE ET PROCEDES**
[72] MATHENA, SCOTT K., US
[72] MCCLURE, RICHARD L., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2017-10-31
[86] 2016-05-04 (PCT/US2016/030797)
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[30] US (62/157,062) 2015-05-05

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[51] **Int.Cl. G06Q 10/02 (2012.01) G06Q 20/32 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **RELIABLE AFTERMARKET EVENT TICKET TRANSFER: METHOD AND APPARATUS**
[54] **TRANSFERT DE BILLET POUR UN EVENEMENT DE MARCHE SECONDAIRE FIABLE : PROCEDE ET APPAREIL**
[72] GEER, BRADLEY C., US
[71] BLEACHR LLC, US
[85] 2017-10-31
[86] 2016-05-05 (PCT/US2016/030867)
[87] (WO2016/179337)
[30] US (62/157,490) 2015-05-06

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[13] A1
[51] **Int.Cl. A61K 31/44 (2006.01) A61K 45/08 (2006.01) A61P 27/02 (2006.01)**
[25] EN
[54] **INJECTABLE DEPOT FORMULATIONS**
[54] **FORMULATIONS DE DEPOT INJECTABLES**
[72] ASHTON, PAUL, US
[71] PSIVIDA US, INC., US
[85] 2017-10-31
[86] 2016-05-05 (PCT/US2016/030912)
[87] (WO2016/179357)
[30] US (62/157,257) 2015-05-05

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[13] A1
[51] **Int.Cl. H04B 7/24 (2006.01)**
[25] EN
[54] **MANUAL BLUETOOTH HANDS FREE TRANSFER MODE**
[54] **MODE DE TRANSFERT MAINS-LIBRES BLUETOOTH MANUEL**
[72] LEE, JIN HO, KR
[72] VORAN-NOWAK, SHERRI, US
[72] SOUTHWICK, LISA, US
[71] HYUNDAI MOTOR COMPANY, KR
[71] KIA MOTORS CORPORATION, KR
[85] 2017-04-13
[86] 2014-08-29 (PCT/US2014/053570)
[87] (WO2016/032533)

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[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01) A61K 48/00 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING AGING-ASSOCIATED IMPAIRMENTS**
[54] **METHODES ET COMPOSITIONS PERMETTANT DE TRAITER DES TROUBLES ASSOCIES AU VIEILLISSEMENT**
[72] WYSS-CORAY, ANTON, US
[72] VILLEDA, SAUL A., US
[72] NIKOLICH, KAROLY, US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNVERSITY, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] ALKAHEST, INC., US
[85] 2017-10-31
[86] 2016-05-17 (PCT/US2016/032907)
[87] (WO2016/187217)
[30] US (62/163,222) 2015-05-18

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[51] **Int.Cl. B67D 1/07 (2006.01) A47J 31/60 (2006.01) B08B 3/04 (2006.01) B08B 3/08 (2006.01) B08B 9/02 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR SANITIZING DISPENSERS**
[54] **PROCEDES ET APPAREIL POUR DESINFECTER DES DISTRIBUTEURS**
[72] HASKAYNE, PAUL, GB
[71] LANCER CORPORATION, US
[85] 2017-10-31
[86] 2016-05-18 (PCT/US2016/033023)
[87] (WO2016/191167)
[30] US (62/165,375) 2015-05-22

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[13] A1
[51] **Int.Cl. B42D 25/30 (2014.01) B42D 25/342 (2014.01) G02B 27/22 (2018.01)**
[25] EN
[54] **SHAPED MICROLENSES**
[54] **MICROLENTILLES MISES EN FORME**
[72] POWER, GARY FAIRLESS, AU
[71] CCL SECURE PTY LTD, AU
[85] 2017-11-01
[86] 2016-05-13 (PCT/AU2016/050364)
[87] (WO2016/183623)
[30] AU (2015100643) 2015-05-15
[30] AU (2015901764) 2015-05-15

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[13] A1
[51] **Int.Cl. B65G 1/02 (2006.01) A47B 47/00 (2006.01) A47B 96/00 (2006.01) A47F 5/00 (2006.01) E01F 15/14 (2006.01) E04H 12/22 (2006.01)**
[25] EN
[54] **AN IMPACT PROTECTION DEVICE CLIP**
[54] **PINCE POUR UN DISPOSITIF DE PROTECTION CONTRE LES CHOCS**
[72] PENDERGRAST, IAN HOWARD, AU
[72] HUXTABLE, PAUL STEWART, AU
[71] INNOVATION CENTRAL PTY LTD, AU
[85] 2017-11-01
[86] 2016-07-19 (PCT/AU2016/050640)
[87] (WO2017/011869)
[30] AU (2015902906) 2015-07-22

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[13] A1
[51] **Int.Cl. E04F 13/08 (2006.01) H02B 1/04 (2006.01) H02G 3/02 (2006.01) H05K 7/02 (2006.01)**
[25] FR
[54] **MODULAR STRUCTURE, MODULE FOR SUCH A MODULAR STRUCTURE AND METHOD FOR PRODUCING SUCH A MODULAR STRUCTURE**
[54] **STRUCTURE MODULAIRE, MODULE POUR UNE TELLE STRUCTURE MODULAIRE ET PROCEDE DE REALISATION D'UNE TELLE STRUCTURE MODULAIRE**
[72] LAMOUREUX, BRUNO, LU
[71] O.PARTICIPATIONS SAS, FR
[85] 2017-10-31
[86] 2016-04-20 (PCT/LU2016/000001)
[87] (WO2016/163865)
[30] FR (1552531) 2015-03-26

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[13] A1
[51] **Int.Cl. B25F 1/04 (2006.01) B25B 15/00 (2006.01) B25B 23/00 (2006.01) B25F 1/02 (2006.01) B25G 1/08 (2006.01)**
[25] EN
[54] **MULTI-BIT TOOL**
[54] **OUTIL A PLUSIEURS EMBOUTS**
[72] GRAND, GERARD, CA
[71] GRAND, GERARD, CA
[85] 2017-11-01
[86] 2015-05-01 (PCT/CA2015/000277)
[87] (WO2015/164946)
[30] US (61/987,159) 2014-05-01

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[13] A1
[51] **Int.Cl. B61H 9/02 (2006.01) A63G 31/02 (2006.01) B61B 7/00 (2006.01) B61B 12/00 (2006.01) F16D 63/00 (2006.01) H02K 49/04 (2006.01)**
[25] EN
[54] **ZIPLINE TROLLEY RELEASE AND SPEED LIMITER**
[54] **LIBERATION DE CHARIOT DE TYROLIENNE ET LIMITEUR DE VITESSE**
[72] KOSTAMO, STEVEN, CA
[71] KOSTAM DESIGNS INC., CA
[85] 2017-11-01
[86] 2016-06-03 (PCT/CA2016/050636)
[87] (WO2016/191884)
[30] US (62/170,387) 2015-06-03

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[51] **Int.Cl. B01D 39/16 (2006.01)**
[25] EN
[54] **FILTER MEDIA COMPRISING CELLULOSE FILAMENTS**
[54] **COUCHE FILTRANTE COMPRENANT DES FILAMENTS DE CELLULOSE**
[72] BOUCHARD-AUBIN, CLOE, CA
[72] DORRIS, GILLES, CA
[72] DROLET, FRANCOIS, CA
[72] PAGE, NATALIE, CA
[72] RICARD, MICHELLE AGNES, CA
[71] FPINNOVATIONS, CA
[85] 2017-11-01
[86] 2016-07-18 (PCT/CA2016/050841)
[87] (WO2017/008171)
[30] US (62/193,141) 2015-07-16

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[51] **Int.Cl. C01B 6/04 (2006.01) C01B 6/00 (2006.01) C07F 5/02 (2006.01) C07F 5/06 (2006.01)**
[25] EN
[54] **HIGHLY REACTIVE METAL HYDRIDES, PROCESS FOR THEIR PREPARATION AND USE**
[54] **HYDRURES METALLIQUES HAUTEMENT REACTIFS, PROCEDE DE PRODUCTION ET APPLICATION**
[72] WIETELMANN, ULRICH, DE
[72] KURTH, CHRISTOPHER, DE
[72] SCHERER, STEFAN, DE
[72] RITTMEYER, PETER, DE
[72] STOLL, ARMIN, DE
[72] LISCHKA, UWE, DE
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[72] EVERTS, DARRELL K., US
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[72] KAMERBEEK, RALF, NL
[72] FLAMAND, JOHN HENRI, NL
[72] BIESHEUVEL, AREND CORNELIS JACOBUS, NL
[72] KOELING, HENDRIK CORNELIS, NL
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[72] MEERSSEMAN, LAURENT, BE
[72] SEGAERT, MARTIN, BE
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[22] 2011-04-28
[41] 2011-11-17
[62] 2,795,411
[30] BE (BE2010/0283) 2010-05-10

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[21] **2,984,315**
[13] A1
[51] **Int.Cl. A61B 10/02 (2006.01) A61B 90/00 (2016.01)**
[25] EN
[54] **TISSUE SAMPLE COLLECTION SYSTEM WITH VISUAL SAMPLE INSPECTION**
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[72] LARSEN, LARS, DK
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[22] 2007-03-30
[41] 2007-10-11
[62] 2,647,748
[30] US (60/788,567) 2006-03-31

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[21] **2,984,320**
[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 17/042 (2006.01) E21B 41/00 (2006.01)**
[25] EN
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[41] 2010-05-28
[62] 2,686,502
[30] US (61/118,490) 2008-11-28

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[21] **2,984,348**
[13] A1
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[41] 2012-05-16
[62] 2,756,627
[30] US (12/946,910) 2010-11-16

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[21] **2,984,412**
[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01)**
[25] EN
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[54] **BROSSE A DENTS ELECTRONIQUE AYANT UN AMORTISSEMENT DE VIBRATION**
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[72] LUETTGEN, HAROLD A., US
[71] WATER PIK, INC., US
[22] 2014-03-11
[41] 2014-09-25
[62] 2,905,301
[30] US (13/833,897) 2013-03-15

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[21] **2,984,416**
[13] A1
[51] **Int.Cl. A61C 17/34 (2006.01)**
[25] EN
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[72] LUETTGEN, HAROLD A., US
[71] WATER PIK, INC., US
[22] 2014-03-11
[41] 2014-09-25
[62] 2,905,301
[30] US (13/833,897) 2013-03-15

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LALONDE, JEAN-PIERRE 2,853,323
LAMBETH, DAVID N. 2,789,461
LAMMARCK, CHRISTIAN 2,795,331
LAMONTAGNE, BRADLEY ALLAN 2,773,106
LANDIS+GYR TECHNOLOGIES, LLC 2,786,748
LANDMARK GRAPHICS CORPORATION 2,918,415
LANDROCK, CLINTON K. 2,759,680
LANE, DEBORAH LOUISE 2,708,871
LANG, KLAUS 2,904,697
LANGE, STEVEN J. 2,715,175
LANGH, HANS 2,764,718
LANTHEUS MEDICAL IMAGING, INC. 2,761,791
LAQUERRE, SYLVIE 2,775,803

LARROCHE, JEAN 2,771,985
LARSSON, HENRIK W. 2,675,372
LASCOTTE, KEITH G. 2,715,175
LASKE, TIMOTHY G. 2,853,323
LATENDRESSE, JOSHUA 2,709,832
LAVELLE, PATRICK M. 2,872,740
LAVOIE, HUGO 2,768,042
LAYDEN, REGINALD WAYE 2,863,087
LE BRUSQ, PASCAL PIERRE 2,777,253
LE FLOHIC, ALEXANDRE 2,916,380
LEACH, KEITH 2,719,638
LEBLANC, MICHEL J. 2,894,188
LEBOWITZ, PETER 2,775,803
LECANU, BRUNO 2,762,932
LEDVANCE LLC 2,884,190
LEE, CHANG 2,827,365
LEE, DAE WON 2,934,778
LEE, DARREN (SHIH YUAN) 2,770,958
LEE, THOMAS DAVID MATTHEW 2,889,629
LEINO, TIMO 2,894,292
LEITE, MARCELO MOREIRA 2,707,330
LEMETAYER, PIERRE 2,784,427
LEMONIS, SISSIMOS 2,953,941
LEMUR S.R.L. 2,741,205
LENGEN, MANUELA 2,772,258
LEONARD, HUW 2,880,554
LES LABORATOIRES SERVIER 2,916,380
LETELLIER, PHILIPPE 2,916,380
LEUCHTENBERG, CHRISTIAN 2,741,487
LEUNG, DONMIENNE DOEN MUN 2,896,888
LEUNG, ON SHUI 2,907,997
LEVESQUE, MARC 2,814,526
LEWIS, RANDY K. 2,773,388
LG ELECTRONICS INC. 2,897,299
LG ELECTRONICS INC. 2,899,376
LG ELECTRONICS INC. 2,934,778
LG-ERICSSON CO. LTD. 2,787,531
LI, GUIFENG 2,836,165
LI, JUNJUN 2,755,284
LI, JUNZHONG 2,715,175
LI, KANG 2,670,992
LI, KONSTANTIN 2,843,770
LI, MEI 2,765,888
LI, QING 2,696,995
LI, WEI 2,919,355
LI, XIAODONG 2,696,995
LI, YUCHENG 2,670,992
LICHTER, PETER 2,823,774
LIFESCAN, INC. 2,753,069
LIFKE, ALEXANDER 2,751,669
LIFKE, VALERIA 2,751,669
LIFT-ALL COMPANY, INC. 2,900,438
LIGUORI, DARIO 2,805,769
LILLE, MARTINA 2,860,811
LIM, CHOON SIANG DANIEL 2,886,323
LIN, CHEN WEI 2,811,687
LIN, WAYNE W. 2,742,179
LIN, YUTE 2,754,672
LINDH, DAVID C., SR. 2,772,337
LINDOFF, BENGT 2,873,481
LING, JING 2,696,995
LININGER, THOMAS B. 2,783,374
LINT, KEVIN KENNETH 2,806,979
LITTLE, FRANCIS HOWARD 2,684,528
LIU, JIA BING 2,757,186
LIU, JUN 2,836,819
LIU, JUN 2,875,369
LIU, LEI 2,765,888
LIU, XIAOLIU 2,743,279
LO, JASON SIN HIN 2,878,976
LOCHSCHMIDT, JOERG 2,813,852
LOHR, CHARLES B. 2,692,476
LONG, QIAN 2,919,355
LONZA LTD 2,772,258
LORD, CHRISTOPHER 2,872,764
LOVELADY, BRETT 2,709,832
LOWE, JOHN ADAM 2,858,787
LU, JIRONG 2,896,888
LU, MINGQUAN 2,892,443
LUBER, JOSEPH R. 2,774,968
LUBRIZOL SPECIALTY PRODUCTS, INC. 2,732,289
LUBY, MICHAEL G. 2,854,017
LUEBKE, GARY 2,815,686
LUECKGE, CLAUDIA 2,853,323
LUEKEN, THOMAS C. 2,683,365
LUKA, RENEE 2,815,686
LUND, ROBERT E. 2,878,309
LUNDGREN, KENT 2,816,794
LUNEBURG, CATALINA MARIA 2,918,415
LUTNICK, HOWARD W. 2,662,856
LY, SIDNEY 2,839,396
MACCHIETTI, ALESSANDRA 2,805,400
MACDON INDUSTRIES LTD. 2,888,545
MACGREGOR, ALEX 2,741,487
MACLEOD, IAIN MORRISON 2,909,414
MACMILLAN, ANDREW T. 2,872,550
MACNEILL, JOAN 2,648,864
MADIN, KAIRAT 2,751,669
MAGEE, LUKE ROBINSON 2,903,868
MAGEREN, OLIVIER JEAN-MARIE CLAUDE 2,769,312
MAHANTI, AROOP ROHAN 2,845,059
MAIBACH, PHILIPPE 2,652,197
MAJIMA, MASATOSHI 2,781,087
MAJOR BRAVO LIMITED 2,816,229
MAKI, ERIC 2,836,081
MAKIKAWA, SHINJI 2,728,954
MALEC, ANDREW D. 2,815,686
MALICE, ALAIN 2,769,718
MANAGED PRESSURE OPERATIONS PTE LTD 2,741,487
MANTZIS HOLDINGS PTY LTD. 2,738,184
MANTZIS, GEORGE 2,738,184
MANUFACTURING RESOURCES INTERNATIONAL, INC. 2,754,371
MARASKOVSKY, EUGENE 2,773,552
MARGALLO BALBAS, EDUARDO 2,836,609
MAROCCHI, JAMES A. 2,896,474
MARTCH, HENRY GREGG 2,828,476
MARTIN, JOEL L. 2,796,737
MARTIN, ROBERT A. 2,666,785
MARTINO, NICK A. 2,783,374
MARTINS, SUSIE C. 2,851,165
MARXEN, MARTIN 2,817,270
MASTERS, RONALD A. 2,815,686
MASUO, YOSHIHIKO 2,875,789
MATSKEVITCH, DMITRI G. 2,823,241
MATSUMOTO, MASANORI 2,946,841
MATSUMOTO, MICHIHIKO 2,939,987
MATSUMOTO, TAKASHI 2,945,172
MATSUO, YUJI 2,945,836
MATSUSHITA, SHINYA 2,913,003
MATTHEWS, KENNETH HEIDT 2,896,884
MAYER-STEFFENS, KLAUS 2,843,770
MAYO, JAMES D. 2,826,325
MC MILLIAN, RAY A. 2,789,456
MC10, INC. 2,910,385
MCCAFFREY, MARTIN 2,714,308
MCCLELLAND, JAMES M., JR. 2,915,681
MCCOMB, RUSSELL D. 2,872,550
MCCOOK, JOHN PATRICK 2,750,659
MCCOY, JOHN 2,702,630
MCDANIEL, CATO RUSSELL 2,934,621
MCDANIEL, MAX P. 2,796,737
MCDONALD, DANIEL J. 2,864,013
MCEWEN-KING, MAGNUS 2,734,717
MCHANN, STANLEY E., JR. 2,786,748
MCKENZIE, BRENT STEVEN 2,773,552
MCKENZIE, DONALD SOMERSET MCCULLOCH 2,786,502
MCMASTER UNIVERSITY 2,772,309
MCNEIL-PPC, INC. 2,774,968
MCRINER, ANDREW 2,811,714
MCSHERRY, DAVID D. 2,715,175
MEDICAL COMPONENTS, INC. 2,769,510
MEDIMMUNE LIMITED 2,708,871
MEDLUMICS S.L. 2,836,609
MEDTRONIC CRYOCATH LP 2,853,323
MEEUWS, GERARDUS JOHANNES JOZEF MARIA 2,740,345
MEGTEC SYSTEMS, INC. 2,836,081
MEIJI CO., LTD. 2,808,569
MEIJI CO., LTD. 2,808,575
MEISSNER, DAVID C. 2,915,681
MENARINI INTERNATIONAL OPERATIONS LUXEMBOURG S.A. 2,791,163
MENDEZ, SENEN LANCEROS 2,909,039
MENET, CHRISTEL JEANNE MARIE 2,730,762
MERCER, KEVIN B. 2,812,782
MERCK PATENT GMBH 2,777,283
MERKEL, STEPHEN M. 2,662,856
MERRON, MATTHEW J. 2,866,858
MERRON, MATTHEW JAMES 2,871,885
MERSEN CANADA TORONTO INC. 2,907,056
MESSIER-BUGATTI-DOWTY 2,895,705
MESSIER-BUGATTI-DOWTY 2,897,977
MESTEK, INC. 2,865,174
METAL FORMING AND COINING CORPORATION 2,866,719

METHOD PRODUCTS, PBC 2,738,431
METIUS, GARY E. 2,915,681
METT, VADIM 2,642,054
MEYER, MICHAEL 2,755,056
MHLANGA, MUSA 2,699,358
MI, SHA 2,702,630
MICROMASS UK LIMITED 2,763,062
MIDDLETON, MAX WILLIAM 2,791,163
MIDREX TECHNOLOGIES, INC. 2,915,681
MIKHEEV, KONSTANTIN EVGENEVICH 2,809,002
MIKROGEN GMBH 2,751,262
MILLER, EUGENE 2,741,765
MILLER, JILL 2,664,189
MILLER, PETER 2,745,214
MILLER, SCOTT A. 2,811,523
MILLIGAN, STUART N. 2,732,289
MIMITSUKA, TAKASHI 2,638,780
MINER ENTERPRISES, INC. 2,784,234
MINTEER, DAVID WILLIAM 2,814,430
MIRALLES, CARLOS 2,759,383
MISIAS, STEVE 2,773,314
MITCHELL, ODES W. 2,802,362
MITRA, DEBBIE 2,772,434
MITSUBISHI ELECTRIC CORPORATION 2,873,919
MITSUBISHI ELECTRIC CORPORATION 2,897,702
MITSUBISHI ELECTRIC CORPORATION 2,913,003
MITSUBISHI HITACHI POWER SYSTEMS, LTD. 2,796,745
MIURA, SHINICHI 2,913,625
MIWA, NAOYUKI 2,945,836
MOELLER, JOHAN 2,803,510
MOLAEI, MASOUD 2,773,100
MONDELEZ UK R&D LIMITED 2,879,006
MONDOLY, NATHALIE 2,795,613
MONEREAU, CHRISTIAN 2,759,420
MONSANTO TECHNOLOGY LLC 2,682,177
MONTAGUE, STEPHEN C. 2,915,681
MONTANA, SHAUN P. 2,884,190
MONTEMAGNO, CARLO D. 2,739,889
MOORE, JOHN COLIN 2,859,084
MOORE, MICHAEL 2,648,428
MOORKANIKKARA, SRINIVAS N. 2,886,398
MOOSAVI, VAHID 2,812,210
MORAZZONI, PAOLO 2,765,737
MOREAU, BENOIT 2,896,571
MOREIRA DA COSTA FRANCO, MARIA ISABEL 2,665,558
MORENKO, ALEXANDER ALEXANDROVICH 2,809,002
MORIMOTO NOBUO 2,796,745
MORIMOTO, KAORI 2,869,384
MORIN, KRISTIAN 2,893,306
MORINI, GIAMPIERO 2,805,769
MORISADA, HIDEHIKO 2,754,672
MORISHITA, YOSHIHIRO 2,800,729
MORIWAKI, HAJIME 2,849,742
MORLEY, CATIE A. 2,779,243
MORMILE, SILVIA 2,748,734
MORPHO 2,765,638
MORPHO 2,765,652
MORRIS, JOHN 2,919,677
MORRIS, JOHN 2,919,685
MORRISON, KELLY LYNN 2,888,347
MOSING, DONALD E. 2,874,310
MOTOROLA SOLUTIONS, INC. 2,864,013
MOTOROLA SOLUTIONS, INC. 2,896,474
MOTOROLA SOLUTIONS, INC. 2,900,389
MOTOROLA SOLUTIONS, INC. 2,902,704
MOUNT SINAI HOSPITAL 2,768,042
MOVING MEDIA NORDIC AB 2,816,794
MUCKENFUB, SILKE 2,731,004
MUELLER, RALF 2,916,482
MUHAMAD, MUJAHID 2,755,284
MULLINS, CHANCE R. 2,972,766
MURASHIMA, ATSUSHI 2,931,650
MURPHY, DENNIS S. 2,815,686
MURPHY, PATRIC 2,811,453
MURPHY, PATRICK 2,811,453
MURSUNEN, HANNU 2,860,811
MUSIYCHUCK, KONSTANTIN 2,642,054
MUUTTONEN, TIMO 2,894,292
MYRHAUG, TERJE 2,748,484
NADEEM, MAHMOUD SHAKER 2,870,564
NAFIS, DOUGLAS A. 2,851,165
NAGAI, KENSUKE 2,881,372
NAKAMARU, HIROKI 2,767,205
NAKAMOTO TAKANORI 2,796,745
NAKAMURA, NAOFUMI 2,904,860
NAKAO, KOJI 2,798,540
NAKASHIMA, DAIICHIRO 2,789,364
NAKATANI, TOYOHIKO 2,933,460
NAKAYAMA, TAKESHI 2,946,841
NAKAZAWA, AKIRA 2,870,820
NAKAZAWA, YOSHIAKI 2,875,789
NAKAZAWA, YOSHIAKI 2,901,744
NARAIN, NIVEN RAJIN 2,750,659
NARVEL, JAMES 2,682,177
NASH, ANDREW DONALD 2,661,446
NASUTO, ANTONIO 2,624,483
NATARAHJAN, HARISH 2,864,013
NATIONAL RAILROAD PASSENGER CORPORATION 2,690,466
NATIONAL STEEL CAR LIMITED 2,821,408
NAVITAIRE LLC 2,799,242
NAWROCKI, JESSE G. 2,772,337
NCC CONSTRUCTION AS 2,748,484
NDINEMENU, FELIX 2,784,427
NEC PLATFORMS, LTD. 2,849,742
NEHRBASS, ULF 2,699,358
NEMES, TYLER 2,726,061
NESTEC S.A. 2,700,454
NESTEC S.A. 2,786,493
NEUBOURG SKIN CARE GMBH & CO. KG 2,691,393
NEUBOURG, THOMAS 2,691,393
NEUER, MICHAEL S. 2,683,365
NEW BODY ALLIANCE INC. 2,737,625
NEWMAN, ROBERT A. 2,786,123
NEXT HYDROGEN CORPORATION 2,928,768
NGUYEN, JAMES THAI 2,891,934
NICHOLS, WALTER A. 2,777,414
NICOLAS, PIERRE 2,755,472
NICOVENTURES HOLDINGS LIMITED 2,872,764
NIGMANN, BERND 2,629,397
NIKOLIC, DAVID 2,700,454
NILSSON, JOHAN 2,888,732
NIPPON SHARYO, LTD. 2,798,540
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,875,789
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,881,372
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,901,744
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,919,823
NISHI, TAKAHIRO 2,805,663
NISHIMURA, HIDETAKA 2,939,987
NISHIMURA, RYUICHI 2,875,789
NISHIMURA, RYUICHI 2,901,744
NISHIO, KATSUHIDE 2,904,860
NISSAN MOTOR CO., LTD. 2,893,553
NISSAN MOTOR CO., LTD. 2,939,987
NISSHIN STEEL CO., LTD. 2,904,860
NITTA, KOJI 2,781,087
NOJIMA, YASUHIRO 2,620,132
NOMURA, NARUHIKO 2,919,823
NORTHERN ANTIBIOTICS OY 2,713,467
NORTHERN DIGITAL INC. 2,739,030
NOTI, CHRISTIAN 2,772,258
NOVARTIS AG 2,740,589
NOVARTIS AG 2,775,803
NOVENCO A/S 2,777,144
NRL PHARMA, INC. 2,620,132
NUOPPONEN, MARKUS 2,860,811
NYC, MICHAL 2,868,208
O'BRIEN, RICHARD J. 2,902,554
O'DONNELL, WILLIAM P. 2,784,234
O'ROURKE, MARTIN 2,657,947
OCV INTELLECTUAL CAPITAL, LLC 2,773,572
ODA NAOKI 2,796,745
ODA, HISAYA 2,728,954
ODELL, PETER G. 2,826,325
ODINOT, JEAN-MARIE 2,762,932
OERTON, KEVIN J. 2,737,994
OETTINGER, OSWIN 2,757,336
OHGITANI, IKKEI 2,930,703
OKADA, OSAMU 2,869,384
OKADA, YURUKI 2,897,702
OLAH, GEORGE A. 2,813,368
OLSSON, STEFAN 2,758,724
ONCOXX BIOTECH S.R.L. 2,743,354
OPSENS INC. 2,912,907
OPSOLDER, MICHAEL 2,859,427
OPTASENSE HOLDINGS LIMITED 2,734,717
OSBORNE, GUY 2,956,459
OSBORNE, ROBERT 2,664,189
OSHITA, SHINYA 2,800,729
OSTERROTH, FRANK 2,738,598

OSTRITSKY, ALEXANDER 2,810,831
OTSUKA, KENICHIRO 2,875,789
OTSUKA, KENICHIRO 2,901,744
OTSUKI, YASUNORI 2,946,841
OURY, BRUNO 2,755,472
OUSE, DAVID G. 2,765,888
OUSTY, JEAN-PHILIPPE 2,777,253
OWENS CORNING INTELLECTUAL CAPITAL, LLC 2,777,078
OY LANGH SHIP AB 2,764,718
OZAKI, MASAKAZU 2,881,372
P.E.T. POLYMER EXTRUSION TECHNOLOGY, INC. 2,813,168
PAGE, JUSTIN 2,725,038
PAKZAD, PAYAM 2,854,017
PALANI, VINODH KUMAR 2,886,323
PALMOUR, JOHN WILLIAMS 2,334,823
PALVIAINEN, MELISSA ANN 2,684,962
PALZER, STEFAN 2,700,454
PAN, SHIFENG 2,740,589
PANDEY, APARNA 2,902,704
PANESI, RENATO 2,841,893
PANOZZO, THOMAS 2,841,893
PARISH, ROGER W. 2,684,962
PARK, JONGMIN 2,899,376
PARKER-HANNIFIN CORPORATION 2,783,374
PARRA MAYORGA, NORMAN VLADIMIR 2,891,003
PARSONS, ERIC 2,764,591
PASQUERO, JEROME 2,786,502
PASQUERO, JEROME 2,796,598
PASTORI, ANDREA 2,805,400
PATER, JOCHEM T. M. 2,805,769
PATRICIO DE OLIVEIRA FERNANDES INACIO, JOANA MAFALDA 2,665,558
PATRIGEON, OLIVIER 2,770,254
PATRON, ANDREW 2,696,995
PAULICK, JOHN F. 2,867,247
PAVLIV, LEO 2,785,360
PDS LLC 2,737,812
PECK, HUGH J. 2,789,456
PEDDLE, ROBERT 2,938,462
PEDERSEN, LEIF TOFTGAARD 2,816,794
PEDERSEN, MIKKEL WANDAHL 2,816,520
PEETERS, JEFFREY GERARD 2,615,945
PEETZ, SHAWN 2,930,058
PEKING UNIVERSITY 2,834,113
PENG, WANG-HSIN 2,787,531
PENLESKY, ROBERT G. 2,847,911
PENNY, BRADLEY ERIC 2,953,695
PEOTTER, BENJAMIN GENE 2,878,084
PEPINSKY, R. BLAKE 2,702,630
PEREIRA GOMES, ANA MARIA 2,665,558
PEREZ, TERESA 2,859,427
PERKINS, JASON T. 2,772,337
PERLMUTTER, MARTIN A. 2,783,090
PERRY, DAVID GARETH 2,821,781
PETER, MATTHEW R. 2,783,374
PETERS, MARK E. 2,878,084
PETROLEUM TECHNOLOGY COMPANY AS 2,780,472
PETTERSEN, STALE 2,780,472
PEYRAUD, LAURENCE 2,762,932
PHERECYDES PHARMA 2,673,004
PHILIP MORRIS PRODUCTS S.A. 2,777,414
PHILLIPS 66 COMPANY 2,779,140
PHOENIX BIOTECHNOLOGY, INC. 2,786,123
PICKETT, TIMOTHY MICHAEL 2,615,945
PIELLI, JOHN A. 2,690,466
PIKSEL, INC. 2,924,196
PIRKONEN, PENTTI 2,860,811
PIVOT B. POIRIER INC. 2,866,730
PLANTAN, RONALD S. 2,910,987
PLANTLAB GROEP B.V. 2,740,345
PLASMA GIKEN CO., LTD. 2,814,925
PLATT, STEPHEN JOHN 2,763,062
POHL, BRAD P. 2,692,476
POIRIER, BERTIN 2,866,730
POKORSKI, ROBERT J. 2,784,234
POLIZZOTTI, BRIAN D. 2,745,214
PONZONE, CESARE 2,765,737
PORTER, MICHAEL 2,789,456
POSSEMATO, ANTHONY 2,648,864
POTTS, SIMON ANDREW 2,945,456
POWELL, STEVEN M. 2,783,374
PRADO, JESUS EDUARDO 2,919,647
PRAKASH, G.K. SURYA 2,813,368
PRATHER, RANDALL 2,682,100
PRATT & WHITNEY CANADA CORP. 2,743,279
PRIEST, CHAD 2,696,995
PRIEWE, JOERG 2,778,813
PRIMAL FUSION INC. 2,780,330
PRISMVIEW, LLC 2,697,567
PROEBSTER, MANFRED 2,786,661
PROKSCH, BARBARA 2,699,624
PRONIN, ALEXEY 2,696,995
PROULX, ALAIN 2,912,907
PROVENSAL, JEROME 2,585,865
PUGLIA, ALESSANDRO 2,805,400
PULSAR VASCULAR, INC. 2,773,100
PULTZ, MICHAEL 2,714,435
PYRCZ, MICHAEL J. 2,783,090
QIN, KUIDE 2,765,888
QUALCOMM INCORPORATED 2,711,465
QUALCOMM INCORPORATED 2,854,017
QUICK FITTING, INC. 2,927,095
RAB LIGHTING INC. 2,893,316
RADLWIMMER, BERNHARD 2,823,774
RAJAKULENDRAN, THANASHAN 2,768,042
RAMAGE, CARL MCDONALD 2,684,962
RAMANUJA, MEGHASHYAM GRAMA 2,891,934
RAMAYYA, BOPPANA DASARADHA 2,674,377
RAMMOHAN PRASAD TADEPALLI 2,674,377
RAO, YELAMANCHILI PURNACHANDRA 2,674,377
RAPTOR LIFT SOLUTIONS, LLC 2,931,420
RAPTOR RIG, INC. 2,863,087
RATNIK INDUSTRIES, INC. 2,787,155
RATNIK, HELDUR R. 2,787,155
RATTUNDE & CO GMBH 2,909,007
RATTUNDE, ULRICH 2,909,007
RAVIKUMAR, SUNDARAM 2,956,459
RAYTHEON COMPANY 2,910,592
REAGAN, JOSEPH ROBERT 2,806,979
REDDY, NARENDRA 2,814,172
REED, WAYNE F. 2,764,611
REES, MICHAEL 2,859,339
REICHERT, GERHARD 2,813,168
REID, JAMES R. 2,921,562
REISS, JORDAN 2,709,832
REITER, EDMUND C. 2,888,575
REITSMA, KATRIN 2,896,474
REMENAR, JULIUS F. 2,798,172
REMENAR, JULIUS F. 2,802,733
REMILLARD, RHEAL 2,888,545
REMPE, TORSTEN 2,752,051
RENAISSANCE ENERGY RESEARCH CORPORATION 2,869,384
RENOU, ELISE 2,759,420
RENZ, MICHAEL 2,783,875
REYNOLDS, JOHN R. 2,767,099
RIAVERA CORP. 2,862,494
RICHART, GREGORY A. 2,789,456
RIES, CAROLA 2,789,076
RIKOVA, KLARISA 2,648,864
RING, LEV 2,865,919
RINGERMACHER, HARRY ISRAEL 2,684,528
RIPKA, AMY 2,811,714
RISLEY, JAMES A., SR. 2,773,388
RITE-HITE HOLDING CORPORATION 2,860,988
RITE-HITE HOLDING CORPORATION 2,902,970
RIVA, ANTONELLA 2,765,737
RIZK, AMR 2,856,006
RIZK, FAROUK A. M. 2,856,006
ROBERT BOSCH GMBH 2,770,958
ROBICHON, FLORENCE 2,762,932
ROBIN, MARK L. 2,944,302
ROBSON, TRACY 2,657,947
ROCK, AMY DIX 2,785,360
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ADVANSIX RESINS & CHEMICALS LLC. 2,982,405
ADVENCHEN PHARMACEUTICALS, LLC 2,984,444
AEROFIT, LLC 2,984,607
AFARIAN, VIKEN 2,984,149
AGALIMMUNE LIMITED 2,981,925
AGBIOME, INC. 2,981,053
AGILENT TECHNOLOGIES, INC. 2,981,715
AGRAWAL, GAURAV 2,982,344
AHMED, NABIL M. 2,984,624
AIGUISAGE ELITE INC. 2,984,599
AIT BOUZIAD, YOUCEF 2,984,376
AKHAVAIN MOHAMMADI, MEHDI ARASHMID 2,984,692
AKITA UNIVERSITY 2,984,413
AKIYAMA, TOSHIYUKI 2,984,130
AL-HARBI, BADER GHAZI 2,982,439
AL-KHALDI, MOHAMMED H. 2,982,439
AL-OTAIBI, FAWAZ M. 2,982,439
AL-ZOUBI, KHALDOON 2,984,692
ALAMEDDIN, CHIRSTOPHER 2,984,140
ALBEMARLE CORPORATION 2,968,505
ALBEMARLE GERMANY GMBH 2,984,691
ALEXANDRA BAUM 2,984,520
ALI, ALI 2,978,568
ALKAHEST, INC. 2,984,645
ALLEN, ERIC 2,984,501
ALLEN, MARK 2,978,178
ALLEN, SHELLEY 2,969,709
ALLIE, DAVID J. 2,984,175
ALTING, AART CORNELIS 2,982,253
ALTMAN, GREGORY H. 2,984,433
AMAZON TECHNOLOGIES, INC. 2,984,142
AMAZON TECHNOLOGIES, INC. 2,984,191
AMBLARD, FRANCK 2,984,421
AMBROSE, KAREN V. 2,984,493
AMBROSE, KAREN V. 2,984,509
AMCOR LIMITED 2,984,291
AMERSON, EDWIN J. 2,982,405
ANAND, AMIT 2,984,470
ANATECH B.V. 2,984,262
ANDRE, JEAN P. 2,968,897
ANDREOLI-FANG, JENNIFER 2,984,453
ANG, JUNHUAN 2,984,462
ANGEL PLAYING CARDS CO., LTD. 2,984,408
APERAM 2,984,514
APOGENIX AG 2,984,350
APONTE LUIS, JUAN 2,984,467
APONTE LUIS, JUAN 2,984,603
AQUINNAH PHARMACEUTICALS, INC. 2,969,756
ARBOUW, TERRENCE R. 2,984,503
ARCONIC INC. 2,982,482
AREVA GMBH 2,984,329
ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY 2,984,222
ARMENTROUT, THOMAS 2,984,238
ARNASON, INGOLFUR 2,984,280
ARNOLD, BURKHARD 2,984,419
ARNOLD, PAUL DOUGLAS 2,968,315
ARRAY BIOPHARMA INC. 2,969,709
ARSHI, ANNAHIT 2,984,033
ARSHI, ANNAHIT 2,984,044
ASCENDIS PHARMA ENDOCRINOLOGY DIVISION A/S 2,968,282
ASCENSIA DIABETES CARE HOLDINGS AG 2,984,080
ASCHAUER, HANS 2,984,386
ASHMORE, CRAIG 2,983,372
ASHTON, PAUL 2,984,637
ASIRVATHAM, EDWARD 2,982,405
ATLANTHERA 2,968,483
AUBUCHON, CHRISTOPHER 2,984,420
AUER, WOLFGANG 2,984,318
AUSSEMS, DAMIEN 2,984,062
AUSTIN, WESLEY 2,969,584
AVADIM TECHNOLOGIES, INC. 2,968,525
AVERY DENNISON CORPORATION 2,982,548
AVRIL 2,981,927
AXMON, JOAKIM 2,984,374
BABAEI, ALIREZA 2,984,453
BACHMANN, LUCAS M. 2,984,179
BACKOFF, LLC 2,984,418
BADIE, LAURENT 2,978,027
BAE SYSTEMS PLC 2,983,372
BAHETI, ANKIT 2,968,316
BAINBRIDGE, MICHAEL JOHN 2,969,527
BAIR, CANDYCE 2,981,466
BAIRD SUBSEA LTD 2,983,973
BAIRD, HAMISH BISSETT 2,983,973
BAJI, SAURABH DILEEP 2,984,142
BAK, RASMUS O. 2,981,715
BAKER HUGHES, A GE COMPANY, LLC 2,981,193
BAKER HUGHES, A GE COMPANY, LLC 2,982,344
BAKER HUGHES, A GE COMPANY, LLC 2,984,451
BALDI, SILVIA 2,978,137
BALDWIN, ADAM ROSS 2,984,114
BALDWIN, DAVID BRUCE 2,981,102
BALSHAW, ROBERT 2,984,589
BALZ, ERIC 2,984,500
BARATZ, ADAM 2,982,111
BARICORDI, NIKLA 2,981,861
BARINA, VACLAV 2,984,341
BARKER, KEVIN 2,984,578
BARNECK, MITCHELL D. 2,984,445
BARNERON, SYLVAIN 2,984,478
BARRAZA, MANUEL 2,984,358
BARRETT, JOHN REGINALD 2,968,308
BARRY, ALLISON LEIGH 2,984,341
BARTELS-ARNTZ, MARJOLEINE MARIA THEODORA GERARDA 2,982,253
BARTH, ALEXANDER 2,984,429
BARTLETT, ANDREW 2,984,463
BARTLETT, RUSH LLOYD, II 2,982,680
BARZEGAR, ALIREZA SHABANI 2,984,487
BASELICI, PETER A. 2,984,503
BASF SE 2,982,531
BASF SE 2,983,964
BASF SE 2,984,117
BASF SE 2,984,382
BASKEYFIELD, DAMIAN 2,968,920
BATES, PETER 2,984,291
BATISTA, RUI NUNO 2,984,049
BAUDOUIN, CAROLINE 2,968,754

BAUM, ALEXANDRA 2,984,520
BAUMANN, MATTHEW ALEXANDER 2,984,572
BAUMANN, ROBERT 2,984,382
BAX, JEFFREY 2,984,578
BAX, JEFFREY 2,984,583
BAX, JEFFREY SCOTT 2,984,570
BAYER PHARMA AKTIENGESELLSCHAFT 2,984,259
BAYLOR COLLEGE OF MEDICINE 2,984,624
BBY SOLUTIONS, INC. 2,984,294
BEALS, CHANNING RODNEY 2,984,480
BEALS, JOHN MICHAEL 2,981,102
BECHERER, DAVID J. 2,969,178
BECK, THOMAS L. 2,969,470
BECKMANN, EBERHARD 2,984,117
BEDARD, NICOLAS 2,984,410
BEHR, BRADFORD BARTHOLOMEW 2,984,403
BEIER, CHRISTOPHER, WADE 2,981,073
BEIFORT, PAUL 2,982,620
BELL, ROBERT 2,984,575
BEN-LAVI, ELIEZER AZI 2,984,580
BENITEC BIOPHARMA LIMITED 2,984,512
BENNETT, BRYDON L. 2,969,709
BENSTEAD, STEPHEN JOHN 2,982,023
BERDOU, CAROLINE JACQUELINE DENISE 2,984,127
BERENT, BOGDAN 2,984,426
BERGER, RAPHAELLE 2,967,965
BERGER, TODD 2,982,111
BERGERON, RAYMOND J., JR. 2,984,250
BERGSMA, OTTO 2,984,062
BERKELEY LIGHTS, INC. 2,982,412
BERNETT, MATTHEW 2,968,878
BERNOCCHI, ANDREA 2,984,035
BESIRLI, CAGRI G. 2,984,154
BESONOV, ALEXANDER 2,968,313
BESSERMAN, RICHARD 2,984,222
BESTAOUI-SPURR, NAIMA 2,984,451
BETTER WAY INVENTIONS, LLC 2,950,107
BHARGAVA, RAHUL 2,984,725
BHAT, RIYAZ 2,981,981
BHOJ, VIJAY 2,984,484
BIANCHI, PAOLO 2,984,441
BING INNOVATIONS, LLC 2,984,324
BING INNOVATIONS, LLC 2,984,327
BINNS, ROBERT 2,984,387
BIOLEGEND, INC. 2,984,506
BIOMARIN PHARMACEUTICAL INC. 2,984,448
BIOWISH TECHNOLOGIES, INC. 2,981,198
BISMILLA, YUSUF 2,984,403
BITDEFENDER IPR MANAGEMENT LTD 2,984,383
BIYANI, KALPESH N. 2,969,238
BLAINEY, PAUL C. 2,981,622
BLANCO GONZALEZ, MARIA DOLORES 2,982,534
BLAND-WARD, PHILIP 2,968,642
BLANKMAN, JACQUELINE LORAYNE 2,984,480
BLANQUET, SENTA 2,981,966
BLEACHR LLC 2,984,634
BLOMFELDT, THOMAS 2,984,384
BLUE WAVE CO S.A. 2,984,368
BLYTHE, STEPHEN 2,968,920
BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE 2,984,173
BOARD OF TRUSTEES OF MICHIGAN STATE UNIVERSITY 2,984,160
BOGHIGIAN, BRETT A. 2,984,493
BOGHIGIAN, BRETT A. 2,984,509
BOGUE, BEUFORD ARLIE 2,969,466
BOIT, BAPTISTE 2,968,485
BOLANOS ROSALES, ROBERTO EMMANUEL 2,984,620
BOLLER, TIMOTHY M. 2,982,592
BOMBARDIER RECREATIONAL PRODUCTS INC. 2,984,410
BOMER, ULF 2,984,259
BONVENTRE, FRANCESCA 2,983,803
BOREALIS AG 2,984,068
BORRISS, RAINER 2,982,620
BORSS, CHRISTIAN 2,984,121
BOSELLI, JULIEN 2,982,482
BOSMAN, RIGOBERT 2,984,055
BOSTON, MATT 2,982,374
BOTHE, ULRICH 2,984,259
BOUCHARD-AUBIN, CLOE 2,984,690
BOUCHET, ANNE 2,983,803
BOULANGER, ALEXANDRE 2,981,917
BOURKE, MICHAEL J., III 2,978,181
BOUTHEGOURD, JEAN-CHRISTOPHE 2,968,666
BOWLES, STEVEN E. 2,982,559
BOYS, MARK LAURENCE 2,969,709
BRACCO, SILVIA 2,984,368
BRADSKI, GARY R. 2,984,147
BRADSKI, GARY R. 2,984,455
BRAMMER, MICHAEL A. 2,969,527
BRAVO, YALDA 2,969,557
BRAY, GARY H. 2,982,482
BREAM, ROBERT NICHOLAS 2,983,966
BRECCIA, PERLA 2,984,618
BREDIF, STEPHANIE 2,968,754
BREINLINGER, KEITH J. 2,982,412
BRENNAN, JAMES 2,968,308
BRENNER, MARK W. 2,984,201
BRETT, JOHN MICHAEL 2,978,365
BREZSKI, RANDALL 2,981,183
BRIDGES, ALEXANDER J. 2,984,154
BRIFCANI, NOORI MOYAD 2,984,037
BRIGGS, ADRIAN WRANGHAM 2,983,937
BROCKENBROUGH, JOHN R. 2,982,482
BROWN, ALICE CLAIRE NOEL 2,984,038
BRUTT, NORBERT 2,968,490
BRUZZI, MARK 2,984,471
BSN MEDICAL GMBH 2,984,033
BSN MEDICAL GMBH 2,984,044
BULLINGTON, JEFF 2,982,443
BUONOCORE, JOHN J. 2,984,133
BURCHARD, PAUL 2,984,155
BURGESS, LAURENCE E. 2,969,709
BURKE, BRETT EDWARD 2,984,114
BURSTEDT, MALIN 2,984,132
BURTON, KEVIN W. 2,980,916
BURTZLAFF, ROBERT 2,984,420
BUTTERFIELD, ROBERT DWAINE 2,984,341
BUYSSE, JERRY M. 2,969,238
BYRNE, HEATHER 2,984,137
C.R.Y. SAS 2,983,803
CABALLERO, FRANCISCO 2,968,884
CABLE TELEVISION LABORATORIES, INC. 2,984,453
CADILLA, RODOLFO 2,969,178
CAI, THIERRY 2,982,306
CALDWELL, LOREN M. 2,984,163
CALLAGHAN, ANNETTE 2,968,308
CAMPBELL, JAMIE 2,968,642
CAMPBELL, RICHARD V. 2,984,243
CANCER RESEARCH TECHNOLOGY LIMITED 2,969,296
CANCER RESEARCH TECHNOLOGY LIMITED 2,969,298
CAO, GUORONG 2,984,174
CARBERRY, JONATHAN MICHAEL 2,983,372
CARBONXT, INC. 2,984,137
CAREFUSION 303, INC. 2,984,341
CAREGEN CO., LTD. 2,984,287
CARGILL, INCORPORATED 2,984,317
CARGILL, INCORPORATED 2,984,432
CARLEY, JOSEPH C. 2,981,484
CARTER, MICHELLE LYNN 2,982,480
CASTAGNOLI, NEAL DANTE 2,984,555
CASTANON, DIEGO 2,984,576
CAUSER, MICHAEL 2,982,120
CCL SECURE PTY LTD 2,984,648
CEGIELSKI, MICHAEL J. 2,984,358
CELCUITY LLC 2,969,471
CELGENE CORPORATION 2,969,584
CELGENE CORPORATION 2,969,709
CENKO, ANDREW T. 2,984,403
CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION (CIMTEC) 2,984,570
CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION (CIMTEC) 2,984,578
CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION 2,984,580
CENTRE FOR IMAGING TECHNOLOGY COMMERCIALIZATION 2,984,583
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,981,927

CENTRO DE INVESTIGACION Y ASISTENCIA EN TECNOLOGIA Y DISENO DEL ESTADO DE JALISCO A-C- 2,984,620
CEPEK, JEREMY 2,984,583
CEPERLEY, DANIEL P. 2,984,133
CHAKRABORTY, SOMA 2,982,344
CHAMBERLAIN, DENIS 2,984,387
CHAMPION, BRIAN ROBERT 2,984,038
CHAN, HO MAN 2,969,090
CHANCEY, BRIAN DALE 2,978,908
CHANG, ARTHUR Y. 2,984,341
CHANG, DEBORA W. 2,982,480
CHANG, JULIE 2,984,341
CHANG, RAUL SUN HAN 2,984,341
CHANG, WOO-JIN 2,968,888
CHANG, ZEN-YU 2,982,758
CHAPMAN, CLINTON D. 2,978,908
CHASSAGNE, FRANCIS 2,984,514
CHATURVEDULA, VENKATA SAI PRAKASH 2,982,075
CHDI FOUNDATION, INC. 2,984,618
CHEN, AUSTIN 2,969,557
CHEN, GUOQING PAUL 2,984,444
CHEN, JIASHENG 2,984,326
CHEN, JULIA 2,982,680
CHEN, JUN 2,984,326
CHEN, SHUHUI 2,984,586
CHEN, VINCENT W. 2,969,473
CHEN, VIRGINIA 2,984,589
CHEN, YU 2,984,487
CHENG, SHUJIANG 2,969,514
CHICARELLI, MARK J. 2,969,709
CHILDREN'S NATIONAL MEDICAL CENTER 2,972,978
CHOI, GYUNG JA 2,981,227
CHOI, YONG HO 2,981,227
CHRISTEY, PETER 2,981,622
CHRISTIANSEN, SEAN 2,982,443
CHU, SEUNG 2,968,878
CHU, XINGJUN 2,984,692
CHUNG, YONG JI 2,984,287
CILLUFFO, GIUSEPPE 2,981,935
CINTRON-APONTE, ALEXANDRA 2,984,146
CIZEK, LUKE 2,981,466
CLAGETT-DAME, MARGARET 2,969,335
CLAPPER, JASON ROBERT 2,984,480
CLARIJS, JOHANNES ALBERTUS LAURENTIUS 2,981,156
CLARK, JOE 2,981,715
CLARK, RYAN C. 2,969,557
CLOTHIER, BRIAN L. 2,978,181
CLOUSER, CHRISTOPHER RYAN 2,983,937
COATES, ANTHONY 2,982,041
COATS, STEVEN J. 2,984,421
COCKERILL MAINTENANCE & INGENIERIE S.A. 2,981,923
COCRYSTAL PHARMA, INC. 2,984,421
COLGATE-PALMOLIVE COMPANY 2,969,318
COLGATE-PALMOLIVE COMPANY 2,969,514
COLGATE-PALMOLIVE COMPANY 2,969,532
COLLINS, JOHN OLIVER 2,978,365
COMOTTI, ANGIOLINA 2,984,368
COMPAGNIE GERVAIS DANONE 2,984,466
CONAGEN INC. 2,982,075
CONGER, WESLEY PAUL 2,984,114
CONNEL, JASON 2,984,423
CONNOR, ERIC F. 2,969,238
CONRADSON, SCOTT 2,981,622
CONTRERAS RAMOS, SILVIA MARIBEL 2,984,620
COOK, AUSTIN JAMES 2,983,372
COPE, MICHAEL J. 2,969,238
CORENMAN, DONALD STEVEN 2,984,450
CORNEN, SOPHIE 2,982,487
COSOVAN, DOINA 2,984,383
COSTEUX, STEPHANE 2,982,347
COVESTRO DEUTSCHLAND AG 2,982,261
COWAN, CHAD A. 2,984,237
COX, IRVIN B. 2,969,527
CREMASCHI, ALAIN 2,982,046
CRESENTE, VINCENZO 2,969,492
CREWS, JAMES B. 2,984,451
CROWTHER, DONNA J. 2,982,601
CUERVO, HERNAN 2,969,584
CUNNINGHAM, ALAN FRANCIS 2,983,964
D'AGOSTINO, LAURA AKULLIAN 2,969,584
DABBOUS, RAPHAEL 2,982,531
DABROWIAK, JEREMY THOMAS 2,980,925
DADACHANJI, RISHAD KAIRUS 2,981,231
DADEY, ERIC 2,969,466
DAHL, ANDREW A. 2,984,152
DAI, DARLENE 2,984,589
DAILEY, STUART 2,984,321
DALE, RICHARD E. 2,984,222
DALMASSO, GIOVANNI 2,984,391
DANA-FARBER CANCER INSTITUTE, INC. 2,981,077
DANA-FARBER CANCER INSTITUTE, INC. 2,981,969
DANISKI, JOSEPH A. 2,984,175
DAVID, EMMANUELLE 2,968,483
DAVID, LASZLO 2,984,089
DAVIES, ROGER 2,984,158
DAVILA VAZQUEZ, GUSTAVO 2,984,620
DAVIS, ANDREW R. 2,984,145
DAVIS, SAMUEL 2,981,312
DAY, JONATHAN WESLEY 2,981,102
DE GAILLARD, THOMAS ALAIN 2,984,127
DE HAARD, HANS 2,981,954
DE HAARD, HANS 2,981,961
DE JONG, THOMAS 2,978,139
DE JONGE, NATALIE 2,981,954
DE LA CRUZ, LUIS 2,984,466
DE LA PENA LAVALLE, BEATRIZ ELENA 2,982,236
DE LA PRESA, MARTIN 2,984,445
DE MEIJER, MATHIJS 2,978,139
DE VITA, MAURIZIO 2,984,215
DE ZAN, LORENZO 2,982,628
DEATON, DAVID NORMAN 2,969,178
DEFEMME, ALAIN 2,981,175
DEHAY, FREDERICK 2,968,485
DEL GAUDIO, LUCILLA 2,982,229
DELLINGER, DOUGLAS J. 2,981,715
DELUCA, HECTOR F. 2,969,335
DEMOSS, SUSAN E. 2,984,145
DENTSPLY SIRONA INC. 2,982,111
DEPREY, ERIC J. 2,984,102
DEPUY SYNTHES PRODUCTS, INC. 2,981,255
DEPUY SYNTHES PRODUCTS, INC. 2,981,256
DERECICHEI, ARON 2,983,372
DERLOT, CLAIRE 2,981,966
DEROSE, SAMUEL A. 2,984,341
DESHPANDE, SACHIN G. 2,984,525
DESJARLAIS, JOHN 2,968,878
DESROCHES, BRANDON JOSEPH 2,984,403
DETERRE, MARTIN 2,983,617
DEVERAUX, QUINN 2,984,628
DEY, TANMOY 2,982,120
DHAWAN, SANJU 2,982,041
DIAGNOSTEAR, LTD. 2,984,469
DIAGNOSTICA STAGO 2,968,490
DICESARE, PAUL 2,984,327
DICKENSCHEID, LOTHAR 2,984,459
DICKHAUT, JOACHIM 2,983,964
DICKINSON, CRAIG DUANE 2,981,102
DIEGO, PATRICIA J. 2,981,344
DIETEL, KRISTIN 2,982,620
DIGNITY HEALTH 2,984,222
DING, CHAO 2,984,586
DING, CHARLES Z. 2,984,586
DIODONE, RALPH 2,984,203
DIOUM, EL HADJI MAMADOU 2,968,757
DJONOVIC, SLAVICA 2,984,509
DJONVIC, SLAVICA 2,984,493
DOMINGUEZ RAMOS, ENRIQUE 2,982,534
DOMINGUEZ, CELIA 2,984,618
DONG, GUIZHEN 2,967,965
DOROSHOW, ROBIN 2,972,978
DORRIS, GILLES 2,984,690
DOW GLOBAL TECHNOLOGIES LLC 2,982,347
DOW TECHNOLOGY INVESTMENTS LLC 2,969,527
DREPPER, ULRICH 2,984,155
DREW, DOUGLAS ROY 2,984,104
DREXEL UNIVERSITY 2,984,188
DROLET, FRANCOIS 2,984,690
DRY, MICHAEL D. 2,969,470
DRYDEN, MATTHEW 2,968,308
DRZAL, LAWRENCE T. 2,984,160

DSM IP ASSETS B.V. 2,984,055
DSM IP ASSETS B.V. 2,984,062
DU-THUMM, LAURENCE 2,969,514
DUAN, GANG 2,984,150
DUBOIS, MICHEL 2,981,923
DUBOVOY, VIKTOR 2,969,514
DUCKWORTH, JASON 2,984,491
DUFLOT, PIERRICK 2,968,485
DUJOL, CHARLOTTE MARIE 2,981,994
DUPUIS, REUBEN 2,984,115
DURAK, THOMAS 2,984,133
DUSSAULT, DOMINIC OLIVER 2,984,108
DUSSAULT, DONALD HERBERT 2,984,108
E-INTERPROJECT SP. Z O.O. 2,984,426
EASYL 2,981,542
ECKELMAN, BRENDAN P. 2,984,628
ECKERLE, JOHN 2,978,132
ECKHARDT, SANDOR 2,968,793
ECKHARDT, SANDOR 2,968,806
ECKHOFF, DETLEV 2,984,377
ECOLAB USA INC. 2,984,500
EDITAS MEDICINE, INC. 2,981,508
EDKINS, ADAM 2,982,417
EDSALL, SCOTT 2,984,115
EDWARD, JESSICA 2,984,505
EDWARDS LIFESCIENCES CORPORATION 2,981,514
EDWARDS, ALLISON LYNN 2,982,480
EGOROV, MAXIM 2,968,483
EILAT, ERAN 2,984,469
EINKAUF, JONATHAN DALY 2,984,142
EISENSCHMID, THOMAS C. 2,969,527
EL-HAYEK, RAMI 2,969,716
EL-NACHEF, DANNY 2,981,811
ELANTAS PDG, INC. 2,982,120
ELDER, IAIN 2,968,308
ELDUAYEN MADARIAGA, JUAN ANDRES 2,984,051
ELEUTERIO, RICARDO 2,984,471
ELI LILLY AND COMPANY 2,981,102
ELLEBRECHT, CHRISTOPH T. 2,984,484
ELLIS, JAMES LAMOND 2,968,027
EMBERION OY 2,978,178
EMORY UNIVERSITY 2,984,421
ENDELL, JAN 2,984,464
ENDOCYTE, INC. 2,968,837
ENDOCYTE, INC. 2,984,169
ENEAU, PATRICE 2,981,994
ENGELKE, AMBER LYNNE 2,981,360
ENGELKEN, SONKE 2,984,126
ENI S.P.A. 2,982,229
ENLOW, ELIZABETH 2,969,467
ENTREKIN, STEVE 2,984,491
EPICURO LTD 2,984,387
EPSTEIN, ALAN L. 2,984,180
ESCOBAR-CABRERA, ERIC 2,984,458
ESPERA-WERKE GMBH 2,984,034
ESSING, GERARDUS CORNELIS OTTO BERNARD 2,984,006
EUROPEAN MOLECULAR BIOLOGY LABORATORY 2,984,045
EUSTACE, DAVID 2,984,045
EVANS, KAREN ANDERSON 2,968,027
EVSEENKO, DENIS 2,977,401
EXNER, EVELYN 2,968,282
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,968,854
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,968,862
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,968,890
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,968,897
EZEKOWITZ, R ALAN B 2,984,480
F. HOFFMANN-LA ROCHE AG 2,984,585
F.HOFFMANN-LA ROCHE AG 2,984,203
FAKTOR, OURIEL 2,984,469
FALCH, CHRISTIAN 2,984,189
FALK, RAINER 2,984,386
FALLER, CHRISTOF 2,984,121
FARREL, CONOR 2,984,207
FAST RESCUE SOLUTIONS, LLC 2,984,501
FATATIS, ALESSANDRO 2,984,188
FEDERSEL, KATHARINA 2,984,117
FELL, JAY BRADFORD 2,969,709
FENN, DAVID R. 2,982,559
FENSTER, AARON 2,984,570
FENSTER, AARON 2,984,578
FENSTER, AARON 2,984,580
FENSTER, AARON 2,984,583
FERDINANDY, PETER 2,968,793
FERDINANDY, PETER 2,968,806
FERNANDEZ GOMEZ, SOFIA LETICIA 2,982,236
FERNANDEZ RAMIREZ, JUAN SEBASTIAN 2,984,118
FERNANDO, FELIX 2,984,037
FERREIRA, LEONARDO M. R. 2,984,237
FESTA, JOSEPH A. 2,984,409
FILI.D, INC. 2,984,420
FILLSHAPE S.R.L. 2,984,441
FIRMIN, ROBERT L. 2,984,000
FIRST ADVANTAGE CORPORATION 2,984,313
FISCHER, BERNHARD 2,984,166
FISCHER, JOHN P. 2,969,709
FISCHER, KAI 2,984,386
FISH, GARETH 2,983,005
FJALESTAD, KJETIL 2,984,184
FLEENOR MANUFACTURING, INC. 2,984,442
FLEENOR, JEFF 2,984,442
FLORCZYK, JANUSZ 2,984,426
FLORES HERNANDEZ, FLOR YOHANA 2,984,620
FLUM, DOMINIK 2,978,132
FOKKEMA, THESSA 2,984,062
FONSECA, MARIKO 2,977,675
FONTAINE, LOIC 2,984,059
FOOD FRESHNESS TECHNOLOGY HOLDINGS LIMITED 2,982,417
FORCAST RESEARCH & DEVELOPMENT CORP. 2,984,576
FORESIGHT BIOTHERAPEUTICS, INC. 2,984,252
FOX, GABRIEL 2,982,251
FOX, RYAN MICHAEL 2,968,027
FPINNOVATIONS 2,984,690
FRAAS, ANDREAS 2,984,475
FRANKE, WOLFRAM 2,981,935
FRANKLIN, SCOTT 2,981,981
FRANKOWSKI, DAVID J. 2,982,347
FRASER, IAIN PETER 2,984,480
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,984,121
FREI, RANDALL WAYNE 2,984,555
FREITAG, GUNTER 2,984,166
FRESHLEY, JOHN K. 2,984,154
FRET, JOZEF 2,984,426
FRET, ROBERT 2,984,426
FRIDAY, ROBERT 2,984,555
FRIESLANDCAMPINA NEDERLAND B.V. 2,982,253
FRITSCHE, JENS 2,984,123
FU, JIPING 2,969,803
FU-SE VACUUM FORMING CO.,LTD 2,984,338
FUJI CHEMICAL INDUSTRIES CO., LTD. 2,981,127
FUJIKURA LTD. 2,984,129
FUJIMOTO CO. LTD. 2,968,793
FUJIMOTO CO. LTD. 2,968,806
FURCH, MARCUS 2,984,264
GABELBERGER, SEPP 2,984,105
GABRIELS, SOFIE 2,981,954
GAGNON, PASCAL 2,984,410
GAHLEITNER, MARKUS 2,984,068
GAJEWSKI, ANDRZEJ 2,984,426
GALDAMEZ PENA, ROMAN 2,982,534
GALILI, URI 2,981,925
GARCIA RUIZ, MONICA 2,982,534
GARMOR, INC. 2,982,443
GARNER, FIONA 2,984,195
GARRISON, MICHLE. 2,984,325
GARTNER, MARTIN 2,984,117
GASS, JENNIFER L. 2,984,080
GATES CORPORATION 2,984,452
GAUCHE, JEAN LOUIS 2,968,237
GAUDINO, JOHN 2,969,709
GAVRILUT, DRAGOS-TEODOR 2,984,383
GAYRAL, THIBAULT 2,981,917
GBUR, RANDI K. 2,969,238
GE AVIATION SYSTEMS LIMITED 2,978,365
GE OIL & GAS, INC. 2,984,144
GEER, BRADLEY C. 2,984,634
GELIN, CHRISTOPHER J. 2,984,321
GENENTECH, INC. 2,981,183

GENERAL AUTOMATION LAB TECHNOLOGIES, INC. 2,981,622
GENERAL ELECTRIC COMPANY 2,984,148
GENERAL ELECTRIC TECHNOLOGY GMBH 2,984,078
GENTILE, FRANK L. 2,981,296
GENZYME CORPORATION 2,982,123
GEORG-SPEYER-HAUS 2,984,624
GEORGE, SAGITHA 2,984,360
GERMAIN, NICOLAS 2,984,382
GERRESHEIMER BUNDE GMBH 2,984,417
GERRESHEIMER BUNDE GMBH 2,984,508
GERRESHEIMER REGENSBURG GMBH 2,984,417
GERRESHEIMER REGENSBURG GMBH 2,984,475
GERRESHEIMER REGENSBURG GMBH 2,984,508
GHARIB, HOSSAM 2,984,457
GHOROGHCHIAN, P. PETER 2,969,684
GIEFFERS, CHRISTIAN 2,984,350
GIESELER, ROBERT 2,984,264
GILBERT, JULIAN CLIVE 2,982,251
GILBERT, MARK J. 2,969,456
GILLEN, ROBERT J. 2,984,168
GINGRAS, ERIC 2,984,500
GIORGETTI, PAOLO 2,969,383
GIOVANOLA, LUCIA 2,978,137
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED 2,968,027
GLAXOSMITHKLINE INTELLECTUAL PROPERTY (NO.2) LIMITED 2,969,178
GLAXOSMITHKLINE INTELLECTUAL PROPERTY DEVELOPMENT LIMITED 2,983,966
GLEESON, JAMES W. 2,968,897
GLENN, ROBERT WAYNE, JR. 2,982,480
GOHEL, DHANESH 2,984,506
GOLDBERG, MICHAEL 2,981,077
GOLDENBERG, DAVID M. 2,984,630
GOLDFLESS, STEPHEN JACOB 2,983,937
GOLDMAN SACHS & CO. LLC 2,984,155
GOMACO CORPORATION 2,984,201
GONG, TAO 2,984,145
GONZALES OSPINA, ADRIANA 2,981,862
GOOGLE INC. 2,984,487
GORAWARA, JAYANT K. 2,984,151
GORSUCH, JOHN 2,981,198
GOTTSCHALK, STEPHEN M.G. 2,984,624
GOTZ, PHILIPP 2,984,121
GOUJON, JEAN-YVES 2,968,483
GOVINDARAJ, THENDRAL 2,984,341
GRACO MINNESOTA INC. 2,984,175
GRAHAM, MICHAEL 2,984,512
GRAND, GERARD 2,984,687
GRANDOMINICO, DOMINIC PLAUCHE 2,984,321
GRANDOMINICO, GARY ALAN 2,984,321
GRANGER, DAVID BRADLEY 2,982,380
GRASHAM, WILLIAM 2,978,908
GRAY, PAUL ANDREW 2,984,493
GRAY, PAUL ANDREW 2,984,509
GREENWOOD, MICHAEL CHARLES 2,984,114
GREFFEN, MICHAEL 2,984,133
GREINER, VERA 2,981,077
GRENDZE, MARTIN P. 2,984,565
GRICE, CHERYL A. 2,984,480
GRISTWOOD, ROBERT WILLIAM 2,982,251
GRUBER, JOSEF MICHAEL 2,984,062
GU, GUIJIANG 2,984,174
GU, XIANG-JU JUSTIN 2,969,090
GUANGDONG ZHONGSHENG PHARMACEUTICAL CO., LTD. 2,984,586
GUNASEKARAN, SUNDARAM 2,968,888
GUNTHER, JUDITH 2,984,259
GUO, ZIGANG 2,984,326
GUPTA, DEVAL 2,984,341
GUSEK, RONALD 2,984,140
GUTH, SVEN 2,984,212
GUYON, BERTRAND 2,968,490
GUZMAN, MARCEL ROBERT 2,984,191
HAARING, CORNELIS 2,983,984
HAAS, DYLAN S. 2,984,433
HABIBI, MEHDI 2,984,062
HABTEZION, AIDA 2,984,111
HACKETT, AILEEN MARGARET 2,984,148
HAEGELI, FRANCOISE 2,984,514
HAFFNER, CURT 2,969,178
HAIN, TOBY D. 2,982,344
HALEY, STEPHEN C. 2,950,107
HALLIBURTON ENERGY SERVICES, INC. 2,982,312
HALLIBURTON ENERGY SERVICES, INC. 2,984,415
HALLIBURTON ENERGY SERVICES, INC. 2,984,457
HALLIBURTON ENERGY SERVICES, INC. 2,984,462
HALLOCK, ALEXANDER 2,981,622
HAMAI, KATSUYOSHI 2,984,209
HAMEL, ROSS 2,981,255
HAMEL, ROSS 2,981,256
HAMILTON, NIALL M. 2,969,296
HAMILTON, NIALL M. 2,969,298
HAMZEI, NAZANIN 2,984,572
HAN, YUANZHENG 2,983,789
HAQ, MAHMOODUL 2,984,160
HARANDI, MOHSEN N. 2,968,890
HARLAN, C. JEFF 2,982,601
HARLAN, JEFF C. 2,982,592
HARPER, MICHAEL 2,984,103
HARTLE, STEFAN 2,984,464
HARTLEY, JOHN 2,968,447
HARTNAGEL, THOMAS J. 2,984,503
HASHIM, MIR 2,984,422
HASHIMOTO, HIDEKI 2,981,127
HASKAYNE, PAUL 2,984,647
HATTERSLEY, GARY 2,984,195
HATTERSLEY, GARY 2,984,200
HATTERSLEY, GARY 2,984,357
HAUGHAN, ALAN F. 2,984,618
HAYDEN, JUSTIN 2,981,466
HAYLER, JOHN DAVID 2,983,966
HAZANI, MIRON 2,984,460
HEALY, KEVIN T. 2,984,433
HEALY, THOMAS JOSEPH 2,984,156
HEDARCHET, STEPHANE ANTONY 2,984,037
HEDARCHET, STEPHANE ANTONY 2,984,047
HEDARCHET, STEPHANE ANTONY 2,984,049
HEGAIN 2100 CONSULTING S.L. 2,984,051
HEIL, CHRISTIAN 2,984,077
HEINLEIN, MARK A. 2,984,721
HEINTEL, MARKUS 2,984,386
HELIAE DEVELOPMENT, LLC 2,981,466
HELLEN, SCOTT 2,984,341
HELPERBY THERAPEUTICS LIMITED 2,982,041
HEMMRICH, KARSTEN 2,984,033
HEMMRICH, KARSTEN 2,984,044
HEMPY, SCOTT 2,984,420
HENDEL, AYAL 2,981,715
HENDRY, DOUGLAS SCOTT 2,984,006
HENKE, BRAD RICHARD 2,969,178
HENKEL AG & CO. KGAA 2,982,487
HENNEAU, PHILIPPE 2,983,976
HENSLEY, CHARLES 2,984,397
HENZE, NATASCHA 2,982,487
HEPWORTH, PAUL 2,984,345
HERMANN, ALINA 2,968,282
HERT, JEROME 2,984,585
HETTERLEY, ROBERT 2,969,527
HEWITT, JONATHAN 2,982,417
HICKEN, ERIK JAMES 2,969,709
HIDALGO, ISMAEL J. 2,968,548
HILBERT, TIMOTHY L. 2,968,890
HILL, CRYSTAL 2,984,321
HILL, OLIVER 2,984,350
HILL, THOMAS G. 2,984,164
HILLEGASS, MARY, ELIZABETH 2,981,073
HINKLIN, RONALD JAY 2,969,709
HIRT, STACEY ANN 2,981,344
HISKY SCS LTD. 2,984,595
HITCHCOCK, STEPHEN 2,968,242
HITCHIN, JAMES R. 2,969,296
HITCHIN, JAMES R. 2,969,298
HLEBAROV, VEJEN 2,984,387
HO, SUZZY CHEN HSI 2,968,862
HOANG, SAMANTHA 2,984,341
HOCKE, HEIKO 2,982,261
HOFLING, THOMAS 2,978,208
HOGERVORST, WIM,THEODORUS 2,984,060
HOLCIM TECHNOLOGY LTD 2,984,070

HOLLANDER, ZSUZSANNA 2,984,589
HOLLANDS, ANDREW 2,984,628
HOLMES, STEVE 2,968,642
HOMMINGA, JOZEF SIEGFRIED JOHANNES 2,984,055
HONDA MOTOR CO., LTD. 2,984,476
HOO, TECK-MUI 2,968,897
HOPE, MICHAEL J. 2,984,125
HOPKINS, ANDREW 2,981,745
HORIBE, TOMOKO 2,981,127
HOU, YAFEI 2,984,380
HOWARD, PHILIP WILSON 2,968,447
HSU, PATRICK DAVID 2,981,508
HU, HONGXING 2,984,045
HU, PEISHENG 2,984,180
HU, RONGHAI 2,984,150
HU, YANMIN 2,982,041
HUANG, TIANPING 2,984,451
HUANG, YING 2,969,090
HUARTE CIGANDA, JUDIT 2,969,263
HUAWEI TECHNOLOGIES CO., LTD. 2,984,181
HUAWEI TECHNOLOGIES CO., LTD. 2,984,692
HUBBELL INCORPORATED 2,984,491
HUBBELL INCORPORATED 2,984,503
HUDSON, JOSEPH 2,984,139
HUIJBREGTS-DOORDUIN, LENA JOHANNA 2,983,984
HUNKE, WILLIAM A. 2,984,154
HUNTER, ALAN 2,977,675
HUNZIKER, DANIEL 2,984,585
HURT, ROBERT SAMUEL 2,984,451
HUSSEIN, FATHI DAVID 2,982,592
HUSTON, NICHOLAS C. 2,981,508
HUTTON, COLIN 2,969,296
HUTTON, COLIN P. 2,969,298
HUXTABLE, PAUL STEWART 2,984,649
HYALBLUE S.R.L. 2,981,861
HYDRO DYNAMICS, INC. 2,981,287
HYLIION INC. 2,984,156
HYUNDAI MOTOR COMPANY 2,984,640
I-TECH AB 2,984,039
IASUR-KRUH, LILACH 2,984,202
IDEXX LABORATORIES, INC. 2,983,943
IDUNN TECHNOLOGIES 2,984,461
IFP ENERGIES NOUVELLES 2,981,966
IGNASZEWSKI, ANDREW 2,984,589
IGT CANADA SOLUTIONS ULC 2,984,115
IMAI, HIROAKI 2,984,447
IMMATICS BIOTECHNOLOGIES GMBH 2,984,123
IMMUNOMEDICS, INC. 2,984,630
IMPLUS FOOTCARE, LLC 2,982,380
IMRAN, MIR 2,984,422
INCEPT, LLC 2,969,716
INCHAURRAGA CASADAMON, LAURA 2,969,263
INCUBE LABS, LLC 2,984,422
INDIGO AGRICULTURE, INC. 2,984,493
INDIGO AGRICULTURE, INC. 2,984,509
INDUSTRY FOUNDATION OF CHONNAM NATIONAL UNIVERSITY 2,981,227
INEOS TECHNOLOGIES SA 2,982,381
INEOS TECHNOLOGIES SA 2,982,399
INGEBRAND, JOHN R. 2,984,175
INGENICO GROUP 2,984,478
INHIBRX LP 2,984,628
INNOBLATIVE DESIGNS, INC. 2,984,109
INNOUP FARMA, S.L. 2,969,263
INNOVATION CENTRAL PTY LTD 2,984,649
INNOVIA FILMS LIMITED 2,982,417
INOUE, FUJIO 2,984,209
INSIDE BIOMETRICS LIMITED 2,968,920
INSTITUTE OF IMMUNOLOGY CO., LTD. 2,984,413
INTERACTIVE INTELLIGENCE GROUP, INC. 2,984,248
INTEX HOLDINGS PTY LTD 2,984,158
INVENTIO AG 2,983,976
IQ VALVES 2,984,192
IQUR LIMITED 2,969,492
IRACHE GARRETA, JUAN MANUEL 2,969,263
IRIE, KAZUHIRO 2,977,432
IRONMONGER, ALAN GEOFFREY 2,983,966
ISAJI, MIZUKI 2,984,129
ISAKSSON, DAN 2,984,039
ISHIHARA SANGYO KAISHA, LTD. 2,984,564
ISOBE, KIYOSHI 2,981,127
ITO, KOJI 2,984,136
IZUO, NAOTAKA 2,977,432
JAAGER, ANDREAS 2,984,419
JACINTHO, JASON 2,969,557
JAIN, ANJALI 2,969,326
JAMES, MARK A. 2,982,482
JAMISON, DALE E. 2,982,312
JANG, JA YEONG 2,981,227
JANG, KYOUNG SOO 2,981,227
JAPAN TOBACCO INC. 2,984,454
JARACZ, STANISLAV 2,969,532
JARRETT, PETER 2,969,716
JARVIS, REBECCA E. 2,984,618
JBS UNITED, INC. 2,984,505
JENKINS, DYLAN 2,984,078
JENSEN, STEEN 2,968,282
JEONG, HONG-SIL 2,978,173
JEONG, HONG-SIL 2,978,209
JEONG, HONG-SIL 2,978,211
JEONG, HONG-SIL 2,978,212
JEONG, HONG-SIL 2,978,535
JERNIGAN, DANIELLE 2,984,188
JI, YAOYAO 2,984,326
JIANG, HONGYU 2,983,447
JIN, XIANMING 2,969,803
JO, HYUNIL 2,984,451
JOHN, VARGHESE 2,977,401
JOHNSON & JOHNSON CONSUMER INC. 2,969,473
JOHNSON, ALAN 2,984,257
JOHNSON, ERIC SCOTT 2,982,480
JOHNSON, LINDA L. 2,984,154
JOHNSON, MICHAEL ROSS 2,984,424
JOHNSON, STEVEN A. 2,984,201
JONES, SHAWN 2,984,191
JONES, TODD K. 2,984,480
JORDAN, ALLAN 2,969,296
JORDAN, ALLAN M. 2,969,298
JORDAN, NORMAN 2,984,191
JORDAN, RICHARD DAVID, JR. 2,982,120
JOUBERT, HENDRIK WILHELMUS 2,968,237
JOUBERT, HUGUES DENIS 2,981,994
JUNG, ULRICH 2,984,034
JUNO THERAPEUTICS, INC. 2,969,456
JUSHI GROUP CO., LTD. 2,984,174
JWAIR, HASANAIN 2,978,908
KADE, MATTHEW J. 2,969,238
KAISER, ROBERT 2,981,715
KAJITA, MARCOS SUGURU 2,978,908
KALA PHARMACEUTICALS, INC. 2,969,467
KALATHURU, BHARGAVA RAM 2,984,142
KALDATE, RAJESH 2,969,142
KAMALAKARAN, SITHARTHAN 2,981,913
KAMINSKI, JOHN 2,978,568
KANAZIREV, VLADISLAV I. 2,984,151
KANG, SUKRYOOL 2,972,978
KANG, ZHENGFANG 2,981,342
KAO, SHIH-CHU 2,984,512
KAPPEN, THEODORUS GERARDUS MARINUS MARIA 2,982,023
KAPPEN, THEODORUS GERARDUS MARINUS MARIA 2,982,030
KARIMIFARD, SAEED 2,984,572
KARJUS, KRISTIAN 2,984,132
KARKHAIRAN-KHOUZANI, RYAN 2,984,161
KARUR, SUBRAMANIAN 2,969,803
KASLOW, HARVEY 2,984,180
KATO, KO 2,984,402
KAUL, BAL K. 2,968,897
KAWAI, MAKOTO 2,984,130
KEEDER, KAREN 2,984,456
KEEFE, DENNIS 2,981,954
KEEFE, DENNIS 2,981,961
KEEN, LESLIE SUSAN 2,968,642
KEIDAR, YARON 2,981,514
KEILWERT, STEFAN 2,984,115
KELLOGG COMPANY 2,984,456
KENNEDY, DAVID ALLEN 2,984,144
KEOGH, IVAN 2,984,207
KEOWN, PAUL 2,984,589
KERN, THOMAS 2,984,081
KERSHAW, DAVID 2,968,308
KHABASHESKU, VALERY N. 2,982,344
KHALID, AHMED USMAN 2,984,191
KHASIN, ERNST 2,978,047
KIA MOTORS CORPORATION 2,984,640

KIERSTEAD, PAUL H. 2,969,238
KIM, EUN MI 2,984,287
KIM, HUN 2,981,227
KIM, JEENOK T. 2,968,897
KIM, JEONG 2,981,183
KIM, JIN CHEOL 2,981,227
KIM, KYUNG-JOONG 2,978,173
KIM, KYUNG-JOONG 2,978,209
KIM, KYUNG-JOONG 2,978,211
KIM, KYUNG-JOONG 2,978,212
KIM, KYUNG-JOONG 2,978,535
KIM, MI BANG 2,981,227
KING, KEVIN ELLIOTT 2,984,248
KING, MICHAEL R. 2,984,505
KINOSHITA, ISAMU 2,981,127
KINZL, MARKUS 2,984,027
KIRBY, IAN 2,968,642
KITO CORPORATION 2,984,414
KLAERNER, GERRIT 2,969,238
KLAGES, KILIAN 2,978,219
KLASEN, WOLFGANG 2,984,386
KLEIN, KEVIN L. 2,984,201
KLEINDL, PAUL JOSEPH 2,984,169
KLOFAS, BRYAN 2,984,133
KNAPPER, BRIAN ALLEN 2,968,854
KNOLL, INC. 2,984,103
KNOLL, JOZSEF 2,968,793
KNOLL, JOZSEF 2,968,806
KNOX, DEWITT 2,984,140
KOBAYASHI, TAKAYUKI 2,984,447
KOCH, DALE 2,984,251
KOCH, EDWARD A. 2,969,473
KOCH, JUSTIN 2,984,251
KOCINSKA, AGNIESZKA 2,969,318
KOEHLER, ANGELA N. 2,968,884
KONDRAGUNTA, VENKATESWARLU 2,969,326
KONINKLIJKE PHILIPS N.V. 2,981,913
KOPP, LOTHAR-GEORG 2,984,206
KOREA RESEARCH INSTITUTE OF BIOSCIENCE AND BIOTECHNOLOGY 2,981,227
KOREA RESEARCH INSTITUTE OF CHEMICAL TECHNOLOGY 2,981,227
KORENKIEWICZ, STEPHEN M. 2,984,150
KORUPOLU, RADHIKA 2,984,422
KORYTKO, ANDREW IHOR 2,981,102
KOSMAC, MIHA 2,968,642
KOSTAM DESIGNS INC. 2,984,689
KOSTAMO, STEVEN 2,984,689
KOSUGA, KOSUKE 2,984,414
KOU, HUI 2,984,150
KOWALSKI, WOLFHARD 2,981,368
KPR U.S., LLC 2,984,139
KRAETSCH, GLENDON T. 2,984,294
KRAFT FOODS GROUP BRANDS LLC 2,981,334
KRAFT FOODS GROUP BRANDS LLC 2,981,344
KRAFT FOODS GROUP BRANDS LLC 2,981,360
KRASER, CHRISTOPHER F. 2,969,709
KRAUSE, MARCEL JUERGEN 2,968,237
KRAVITZ, SHAHAR 2,984,595
KRECH, JACOB K. 2,984,175
KREIERHOFF, MARTIN 2,981,973
KRISHNAMOORTHY, LOKESH BABU 2,984,148
KROHNE, EDWARD J. 2,984,503
KUDAPA, SATYA 2,984,429
KULKARNI, DHANASHREE GAJANAN 2,982,312
KULKARNI, SANDEEP D. 2,982,312
KULKARNI, SUDHIR 2,984,192
KUMAR, ASHISH 2,984,725
KUMAR, VIRARAGHAVAN 2,984,192
KURDYUMOV, ALEKSEY V. 2,980,916
KURPIERS, THOMAS 2,968,282
KURSAWE, ANSGAR 2,984,027
KURTH, CHRISTOPHER 2,984,691
KURTH, TODD 2,984,317
KURTH, TODD 2,984,432
KWANSEI GAKUIN EDUCATIONAL FOUNDATION 2,981,127
KYMAB LIMITED 2,968,642
KYOSTIO-MOORE, SIRKKA 2,982,123
KYOTO UNIVERSITY 2,977,432
L-ACOUSTICS UK LIMITED 2,984,077
LAAS, HANS-JOSEF 2,982,261
LABORATOIRES EXPANSCIENCE 2,968,754
LABORATOIRES THEA 2,981,175
LACOSTE, FRANCOIS 2,981,542
LAFLEUR, GREGORY 2,984,418
LAING, LANCE GAVIN 2,969,471
LAIRD, ELLEN 2,969,709
LAM, BETTY 2,968,242
LAM, KAREN 2,984,589
LAMBERT, PIERRE 2,969,318
LAMOUREUX, BRUNO 2,984,683
LANCER CORPORATION 2,984,647
LANG, GERHARD 2,984,377
LANGE, AMY 2,984,505
LANGE, MARTIN 2,984,259
LANGLOIS, VALERIE 2,981,927
LANOS, PIERRE 2,968,485
LAPOINTE, GUILLAUME 2,969,803
LARSEN, GLENN R. 2,969,756
LARSEN, SCOTT 2,981,255
LARSEN, SCOTT 2,981,256
LARSSON, ASA 2,984,384
LATIMER, SCOTT 2,984,500
LAUER, STEFAN 2,984,206
LAVALLE, DEAN R. 2,984,294
LAZAR, GREG 2,981,183
LAZAR, GREGORY ALAN 2,981,102
LE BOT, RONAN 2,968,483
LE, TIEN CANH 2,984,434
LEAMON, CHRISTOPHER P. 2,968,837
LEAMON, CHRISTOPHER PAUL 2,984,169
LECLAIR, STEPHANE 2,984,464
LEE, CRYSTAL 2,981,193
LEE, DER-YANG 2,969,473
LEE, HYO-SANG 2,984,721
LEE, JIN HO 2,984,640
LEENHOUTS, ABRAHAM 2,984,060
LEFTHERIS, KATERINA 2,969,709
LEHN, PETER WALDEMAR 2,983,789
LEHNER, FRITZ 2,982,046
LEIVERS, CHRISTOPHER ANDREW 2,978,365
LEPRINCE, CECILE 2,982,403
LESKINEN, PAULI 2,984,068
LESSMANN, TORBEN 2,968,282
LESTER, THOMAS W. 2,984,448
LEUPE, BOAZ SAMUEL 2,978,139
LEVINE, BRIAN E. 2,981,344
LI, HAO 2,984,421
LI, HUAZHONG 2,984,326
LI, JIAN 2,984,586
LI, JIBIN 2,968,548
LI, LING 2,969,090
LI, MICHAEL 2,969,466
LI, SHUN-POR 2,969,473
LI, YIMING 2,977,675
LI-COR, INC. 2,984,438
LIBERATORE, RAYMOND A. 2,984,113
LICUP, ALBERT JAMES 2,984,062
LIENHARD, KENNY R. 2,984,179
LILJA, JOHANNA 2,984,068
LILL, KIRSTEN AGNES 2,982,487
LIN, HENRY 2,981,913
LIN, JEN C. 2,982,482
LINDOFF, BENGT 2,984,374
LINTEREUR, LOUIS J. 2,983,997
LIPSKI, ROY 2,984,609
LISCHKA, UWE 2,984,691
LITOCHEVSKI, MORDECHAI 2,984,595
LIU, JEANETTE M. 2,984,341
LIU, XILE 2,984,586
LO, PHAM 2,984,246
LOCKWOOD, NATHAN A. 2,980,916
LOPEZ, CARLOS N. 2,968,897
LOPEZ, MIGUEL ANGEL 2,978,908
LORBERBAUM, MARK 2,984,324
LORBERBAUM, MARK 2,984,327
LORD CORPORATION 2,984,107
LORD, JEFFREY D. 2,978,568
LOREFICE, ROBERTO 2,982,229
LOUGHNEY, SARAH 2,984,471
LOVELL, JACKIE 2,982,601
LOW, PHILIP STEWART 2,968,837
LU, WENHUA 2,981,278
LU, YINGJUAN J. 2,968,837
LU, YINGJUAN J. 2,984,169
LUCHIAN, HENRI 2,984,383
LUCKHURST, CHRISTOPHER A. 2,984,618
LUO, JUN 2,984,181
LUTHRINGER, REMY 2,968,977
LUTZ, RACHEL 2,968,313
LYNN, TIMOTHY R. 2,982,592
MAALOULY, MICHEL 2,984,409
MAAS, MICHIEL GERARD 2,982,487
MACDONALD, MICHAEL A. 2,969,470
MACDONALD, SUMAIRA 2,984,325
MACK-RAY, INC. 2,984,113

MACKNIK, STEPHEN L. 2,984,222
MACLELLAN, W. ROBB 2,981,811
MADERA, ANN MARIE 2,969,803
MAEDER, MORGAN LEE 2,981,508
MAGER, DIETER 2,982,261
MAGIC LEAP, INC. 2,984,147
MAGIC LEAP, INC. 2,984,455
MAHAIM, CYRIL 2,969,389
MAHR, ANDREA 2,984,123
MAIER, BEAT RENE 2,984,070
MAILAND, JASON CHARLES 2,984,164
MAILLARD, MICHEL C. 2,984,618
MAKAR, MINA AYMAN SALEH YANNI 2,983,447
MALLETTE, BERTRAND 2,984,410
MALLINCKRODT HOSPITAL PRODUCTS IP LIMITED 2,984,105
MALNATI, STEFANO 2,984,313
MALONE, MOYRA 2,984,133
MANCOSKY, DOUGLAS G. 2,981,287
MANGEON, CARINE 2,981,927
MAO, GUOHONG 2,982,075
MAO, TIN 2,984,512
MARASCO, WAYNE A. 2,981,969
MARATHI, UPENDRA K. 2,984,316
MARCHAL, LAURENT 2,984,466
MAREK, ANDRE 2,984,166
MARGOOSIAN, RAZMIK 2,984,149
MARIJNISSEN, JOHANNES ADRIANUS ANTONIUS 2,981,156
MARIN PERALES, LAURA 2,982,534
MARINO MARMOLEJO, ERIKA NAHOMY 2,984,620
MARINO, ANDREW L. 2,984,341
MARISSAL, DANIEL 2,982,030
MARISSEN, ROELOF 2,984,055
MARISSEN, ROELOF 2,984,062
MAROTTA, ANDY 2,984,231
MARQUEZ, LUIS MIGUEL 2,984,493
MARQUEZ, LUIS MIGUEL 2,984,509
MARRIOTT, KEVIN 2,984,345
MARRONE BIO INNOVATIONS, INC. 2,982,374
MARTENSSON LINDBLAD, LENA 2,984,039
MARTIN ARBELLA, NEKANE 2,969,263
MARTINEZ, JACOB 2,982,380
MARTINEZ-CONDE, SUSANA 2,984,222
MARTINIS, JOHN 2,984,487
MASON, WILLIAM DALE 2,984,159
MASOODI, MOJGAN 2,968,757
MASSACHUSETTS INSTITUTE OF TECHNOLOGY 2,968,884
MASSEBEUF TEXTILES SAS 2,983,803
MASTERCARD INTERNATIONAL INCORPORATED 2,984,257
MASTERCARD INTERNATIONAL INCORPORATED 2,984,302
MASTERCARD INTERNATIONAL INCORPORATED 2,984,360
MASTIC, TODD 2,984,291
MASTRULL, JEFFREY 2,969,514
MASUDA, TETSUYA 2,984,209
MATEESCU, MIRCEA-ALEXANDRU 2,984,434
MATHENA, SCOTT K. 2,984,633
MATNER, MATHIAS 2,982,261
MATOKE HOLDINGS LIMITED 2,968,308
MATRIPHARM INC. 2,984,434
MATTEI, PATRIZIO 2,984,585
MATTHEWS, LAWRENCE JAMES DAVISON 2,982,417
MAZUR, RICHARD 2,981,466
MAZYAR, OLEG A. 2,982,344
MAZYCK, DAVID W. 2,984,137
MAZZONE, JAMES 2,981,492
MCCARTHY, STEPHEN J. 2,968,890
MCCARTY, MASON 2,981,466
MCCLATCHEY, BRIDGET COLLEEN 2,981,360
MCCLURE, RICHARD L. 2,984,633
MCCONNAUGHEY, JAMES 2,972,978
MCCORMICK, CASEY 2,984,466
MCCRICKARD, JAMES P. 2,969,470
MCDANIEL, TROY LEE 2,984,222
MCDONALD, RAYMOND AUGUSTUS, JR. 2,984,321
MCEWEN, JASON M. 2,982,412
MCGONAGLE, ALISON E. 2,969,296
MCGONAGLE, ALISON E. 2,969,298
MCGONIGLE, JOSEPH SCHMIDT 2,980,916
MCMANUS, BRUCE 2,984,589
MCMASTER, ROBERT 2,984,589
MCMILLAN, DAVID 2,983,372
MCMILLAN, JENNIFER 2,968,854
MCNAUGHTON, MICHAEL D. 2,984,176
MCPHERSON, ANDREW EDWARD 2,981,344
MEADE, JEFFREY THOMAS 2,984,403
MEDER, QUIRIN 2,982,212
MEDIMMUNE LIMITED 2,968,447
MEDIMMUNE, LLC 2,977,675
MEDIVATORS INC. 2,984,102
MEDTRONIC MINIMED, INC. 2,983,997
MEDYS S.R.L. 2,984,266
MEEUSE, FREDERIK, MICHIEL 2,984,060
MEG ANN ROBINSON FAMILY TRUST DATED JUNE 1, 2016 2,984,241
MEINDL, EDWIN 2,984,189
MEISSNER, TORSTEN B. 2,984,237
MELBOUCI, MOHAND 2,984,140
MENDONCA, ANGELO 2,984,126
MENGSHETTI, SEEMA 2,984,421
MERCIER, FABRICE 2,981,175
MERCIU, IOAN-ALEXANDRU 2,984,236
MERCK SHARP & DOHME CORP. 2,967,965
MERIALDO, ANNA 2,978,137
MERIGHI, ROBERTO 2,981,861
MERLI, DOMINIK 2,984,386
MERTEN, CHRISTOPH A. 2,984,045
METSO MINERALS, INC. 2,983,978
METTATH, SASHIKUMAR 2,982,758
MEYER, COREY D. 2,984,175
MEYERS, DEREK JAMES 2,981,484
MI, YUAN 2,969,090
MICADO SMART ENGINEERING GMBH 2,984,189
MICHENER, KALEB 2,984,575
MICROBIAL DISCOVERY GROUP LLC 2,984,505
MIHOV, NIKOLAY 2,984,126
MIKLYA, ILDIKO 2,968,793
MIKLYA, ILDIKO 2,968,806
MIKSCH, ROXANA 2,984,520
MILITCH, ERIKA D. 2,982,405
MILLER, WILLIAM HENRY 2,968,027
MILONE, MICHAEL C. 2,984,484
MINERVA NEUROSCIENCES, INC. 2,968,977
MIRONOV, OLEG 2,984,008
MISSLING, JEFFREY J. 2,980,916
MIST SYSTEMS, INC. 2,984,555
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,984,136
MITTAL, BHUPESH KUMAR 2,984,725
MIURA, TAKAYUKI 2,984,338
MIYAGAWA, MASAYOSHI 2,984,130
MIYAMA, HISASHI 2,984,474
MIZOROKI, TATSUYA 2,984,413
MOCA, JUDITH GULTEN 2,981,344
MOFFAT, JAMIE 2,982,417
MONENSCHEIN, HOLGER 2,968,242
MONIRABBASI, SALMAN 2,983,997
MONOSOL RX, LLC 2,969,466
MOORE, GREGORY 2,968,878
MORAVEK, SCOTT J. 2,982,559
MORBIDELLI, MASSIMO SILVIO 2,982,229
MORIMOTO, NOBUYOSHI 2,984,411
MORIN, ROBERT W. 2,984,080
MORITOKI, YUKI 2,984,413
MORPHOSYS AG 2,984,464
MOSCATELLI, DAVIDE 2,982,229
MOSER, TAMMIE ANN 2,984,313
MOSHASHAEE, SAEED 2,984,448
MOSHER, ROBERT F. 2,984,102
MOSS, BRET JAMESON 2,984,321
MOTION METRICS INTERNATIONAL CORP 2,984,572
MOZES-DAUBE, NETTA 2,984,202
MSIKA, PHILIPPE 2,968,754
MU, NAN 2,978,908
MUCHHAL, UMESH 2,968,878
MUECKE, MICHAEL L. 2,984,503
MULTISORB TECHNOLOGIES, INC. 2,981,242
MULUMBA, KABUNGO Y. 2,984,237
MURAKAMI, KAZUMA 2,977,432
MURATORE, AGNES 2,969,389
MURUGAN, RAMIAH 2,984,565
MUSICK, MICHAEL, DAVID 2,981,073
MYERS, GARRY L. 2,969,466
MYERSON, JOEL 2,981,715
MYRIAD GENETICS, INC. 2,969,142
MYUNG, SE-HO 2,978,173

MYUNG, SE-HO 2,978,209
MYUNG, SE-HO 2,978,211
MYUNG, SE-HO 2,978,212
MYUNG, SE-HO 2,978,535
NABI, ZEENAT 2,969,514
NAKANO, TAKUMA 2,984,454
NAKAYAMA, SHINYA 2,984,476
NAOR, VERED 2,984,202
NARVEKAR, ANIL NARAYAN 2,981,231
NATALI, LUCA 2,984,142
NATIONAL UNIVERSITY CORPORATION NARA INSTITUTE OF SCIENCE AND TECHNOLOGY 2,984,402
NATIONAL UNIVERSITY OF IRELAND GALWAY 2,984,207
NATIONAL UNIVERSITY OF IRELAND, GALWAY 2,984,471
NAVE, BARBARA 2,983,964
NAYLOR, ROSS H. 2,983,997
NELSON, DAVID W. 2,981,262
NERDALIZE B.V. 2,978,139
NESMITH, ALEXANDER PEYTON 2,984,409
NESTEC S.A. 2,968,666
NESTEC S.A. 2,968,757
NESTEC S.A. 2,969,326
NESTEC S.A. 2,984,031
NESTEC S.A. 2,984,376
NESTLE SKIN HEALTH SA 2,968,316
NESTLER, MONTIA 2,984,429
NESVADBA, PETER 2,983,964
NEUHAUS, ROLAND 2,984,259
NEVILL, J., TANNER 2,982,412
NEW YORK AIR BRAKE LLC 2,984,423
NEWMAN, DANIEL ANDERSON 2,981,484
NEWSTROM, RUSSELL A. 2,982,412
NG, RAYMOND 2,984,589
NGUYEN, HUY QUANG 2,984,341
NGUYEN, MINH NGOC 2,969,467
NGUYEN, SON H. 2,969,238
NICOLLS, MICHAEL J. 2,984,133
NIGRO, BRUNO 2,983,803
NIKOLICH, KAROLY 2,984,645
NISHIDA, MIKIYA 2,984,474
NISHIMURA, YOSUKE 2,984,474
NISHIOKA, MASAKI 2,984,209
NOEL, NADINE 2,968,977
NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG 2,981,368
NORTH AMERICAN ROBOTICS CORPORATION 2,984,449
NOTH, ANDRE 2,984,031
NOURANIAN, SAMAN 2,984,572
NOVARTIS AG 2,969,090
NOVARTIS AG 2,969,803
NOVARTIS AG 2,984,081
NOVIRA THERAPEUTICS, INC. 2,969,557
NOVOZYMES A/S 2,981,342
NOWAK, PASCAL 2,983,803
NOWAK, PAWEL WOJCIECH 2,969,467
NR ELECTRIC CO., LTD. 2,984,326
NR ENGINEERING CO., LTD. 2,984,326
NUBBEMEYER, REINHARD 2,984,259
NUOVO PIGNONE TECNOLOGIE SRL 2,984,035
NUTZEL, RAINER 2,984,363
O'BRIEN, MARTIN 2,984,163
O'HALLORAN, MARTIN 2,984,471
O'NEILL, CHARLES A. 2,984,448
O'NEILL, GARY PAUL 2,984,480
O.PARTICIPATIONS SAS 2,984,683
OBARE, EDWARD 2,983,943
OCULA CORPORATION 2,984,000
OCULOCARE MEDICAL AG 2,984,179
ODONNELL, PENROSE 2,981,508
OELSCHLAGER, MASON 2,981,466
OERLIKON METCO (US) INC. 2,984,429
OGUNBIYI, ELIZABETH OLAYINKA 2,984,409
OHNISHI, KEISUKE 2,984,331
OKADA, HIDEHO 2,984,380
OKADA, NAOKI 2,984,129
OKAMOTO, KEVIN KOJI 2,984,148
OKANO, AZUSA 2,984,130
OKHAMAFE, AUGUSTUS O. 2,984,448
OKUYAMA, MASAHIRO 2,968,977
OLAIZOLA, MIGUEL 2,981,466
OLMSTEAD, WILLIAM N. 2,968,862
OMEGA LIFE SCIENCE LTD. 2,984,460
OMYA INTERNATIONAL AG 2,982,046
ONG, WINSTON ZAPANTA 2,969,467
ONL THERAPEUTICS, INC. 2,984,154
ONTECH SECURITY SL 2,984,603
ONTECH SECURITY, S.L. 2,984,467
OPENSHAW BECK LLC 2,984,289
OPENSHAW, JOHN 2,984,289
OPHIR CORPORATION 2,984,163
ORATEX INC. 2,984,231
ORGANIK BOLLUK S.P.R. DE R.L. DE C.V. 2,984,620
ORR, MARY W. 2,981,484
OSATO, KEN 2,984,129
OSTER, PATRICK 2,978,219
OSTER, PATRICK 2,978,648
OSTERMAN, ROSS ALAN 2,984,159
OTSUKA PHARMACEUTICAL FACTORY, INC. 2,984,209
OUTOKUMPU OYJ 2,984,419
PABST, TIMOTHY 2,977,675
PACIELLO, ROCCO 2,984,382
PADERI, JOHN ERIC 2,982,680
PADHI, BIJAY KUMAR 2,968,316
PADILLA, LUIS S. 2,984,114
PAGE, NATALIE 2,984,690
PALERM, CESAR C. 2,983,997
PAMICHEV, CHRISTO PETROV 2,980,925
PAMNANI, RAVINDER D. 2,984,111
PAN, LONG 2,969,514
PAN, YUANLONG 2,968,666
PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD. 2,984,593
PANG, JIYONG 2,984,181
PAQUIN, SYLVAIN 2,981,994
PARAGON NORDIC AB 2,984,132
PARDI, NORBERT 2,984,125
PARION SCIENCES, INC. 2,984,424
PARK, HYE JIN 2,982,531
PARKER, KEVIN KIT 2,984,409
PARKS, JESSICA 2,981,053
PARNIAN, NEDA 2,984,572
PASDA, GREGOR 2,983,964
PATEL, ASHEEL K. 2,969,303
PATEL, KETAN R. 2,969,303
PATEL, KIRIT 2,969,089
PATEL, MILAN R. 2,969,303
PATEL, SUPRIYA 2,981,312
PATTON, THOMAS 2,968,308
PAVLOV, ALEXEY 2,984,184
PAYNE, AIMEE S. 2,984,484
PEDRAM, BIJAN 2,969,557
PEI, BINBIN 2,984,118
PELAEZ, JULIANNE NAOMI 2,984,509
PENDERGRAST, IAN HOWARD 2,984,649
PENG, HAIQING 2,982,601
PEQUENO, R. ERIC 2,982,569
PESIN, ANTHONY 2,984,059
PETERSEN, BETH A. 2,980,916
PETERSEN, MICHAEL P. 2,984,102
PETERSON, RONALD G. 2,969,470
PETERSON, RYAN C. 2,984,133
PFAU, AXEL 2,984,386
PHARNE, AJIT 2,978,547
PHARNE, AJIT 2,978,568
PHENEGER, JED 2,969,709
PHILIP MORRIS PRODUCTS S.A. 2,984,008
PHILIP MORRIS PRODUCTS S.A. 2,984,037
PHILIP MORRIS PRODUCTS S.A. 2,984,047
PHILIP MORRIS PRODUCTS S.A. 2,984,049
PHILIP, BRADLEY S. 2,984,291
PHILIP, BRIAN 2,981,846
PHILLIPS, GEORGE R. 2,969,527
PHILLIPS, SIMON 2,984,257
PHINERGY LTD. 2,978,047
PHOENIX CONTACT GMBH & CO. KG 2,978,219
PHOENIX CONTACT GMBH & CO. KG 2,978,648
PI MANUFACTURING INC. 2,984,575
PIERSON, GLEN 2,981,256
PINEDA, ELVINE 2,984,449
PIORKOWSKI, DANIEL T. 2,981,334
PIXIUM VISION SA 2,983,617
PLAFCAN, TIMOTHY 2,981,484
PLUM, LORI A. 2,969,335
PODA TECHNOLOGIES LTD. 2,984,161
POLKER, THOMAS 2,978,219
POLU, NAGESH 2,984,463
PONTI, GIUSEPPE 2,981,413
PONTI, LORENZO 2,981,413
POPPEL, BENJAMIN J. 2,984,140
PORTEUS, MATTHEW H. 2,981,715

POSCH, FABIO 2,982,264
POSCH, MICHAEL 2,982,264
POSNER, RALF 2,982,487
POTDAR, PRATUL PRAKASH 2,981,231
POTMAN, RONALD, PETER 2,984,060
POURSAID, ARASH E. 2,984,445
POWELL, ADAM B. 2,982,559
POWER, GARY FAIRLESS 2,984,648
POWERS, THOMAS H. 2,981,242
PPG INDUSTRIES OHIO, INC. 2,982,559
PPT IP AG 2,982,264
PRADHANANGA, SHAILESH 2,984,192
PRECISION CONSULTING SERVICES, LLC 2,984,176
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,984,237
PRESIDENT AND FELLOWS OF HARVARD COLLEGE 2,984,409
PRESTA, LEONARD G. 2,984,458
PRESTWICH, GLENN 2,982,680
PREUGSCHAT, FRANK 2,969,178
PROBACH, NICOLE 2,978,219
PROBACH, NICOLE 2,978,648
PROCINO, IMMACOLATA 2,968,315
PROCIW, NICHOLAS 2,968,854
PROFESSIONAL DIETETICS S.P.A. 2,969,383
PROPAGENIX INC. 2,981,708
PROTON MOTOR FUEL CELL GMBH 2,982,212
PROULX, DENIS 2,984,599
PSIOXUS THERAPEUTICS LIMITED 2,984,038
PSIVIDA US, INC. 2,984,637
PULE, MARTIN 2,981,846
PURDUE RESEARCH FOUNDATION 2,968,837
PURI, PREM 2,984,471
PYKA, STEFAN 2,984,386
QI ZHAN, MICHELE 2,984,207
QI, WEI 2,969,090
QUALCOMM INCORPORATED 2,983,447
QUINN, JOHN JOSEPH 2,983,943
RABENO, ERIC 2,984,105
RADIUS PHARMACEUTICALS, INC. 2,984,195
RADIUS PHARMACEUTICALS, INC. 2,984,200
RADIUS PHARMACEUTICALS, INC. 2,984,357
RAGHAVAN, SUBHAREKHA 2,967,965
RAGHUVANSHI, RAJEEV SINGH 2,968,316
RAHEJA, RAJ K. 2,969,709
RAHMAN, ATIQUR 2,984,462
RAHY, ABDELAXIZ 2,984,140
RAJADAS, JAYAKUMAR 2,984,111
RAJAGOPALAN, SURIYANARAYANAN 2,968,890
RALABATE, PHILIP 2,984,327
RAMARAJU, KALAISELVAN 2,984,725
RAMEZANI, MAHDI 2,984,572
RAMIREZ CEBALLOS, ALEJANDRO 2,969,492
RANJRAM, MIKE KAVIAN 2,983,789
RANNANPAA, JANNE 2,983,978
RANSOM, JOHN 2,984,506
RAO, DANDINA 2,984,173
RASHID, RUMANA 2,968,878
RASKIN, ILYA 2,981,490
RASMUSSEN, GRETHE NORSKOV 2,968,282
RATEICZAK, MITJA 2,984,056
RATHOR AG 2,984,363
RATTE, DAVID 2,981,862
RAU, HARALD 2,968,282
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